

JANUARY



1943

**SIGNAL CORPS RADIO SETS**  
**FRONT VIEWS**  
**RECEIVERS AND TRANSMITTERS**





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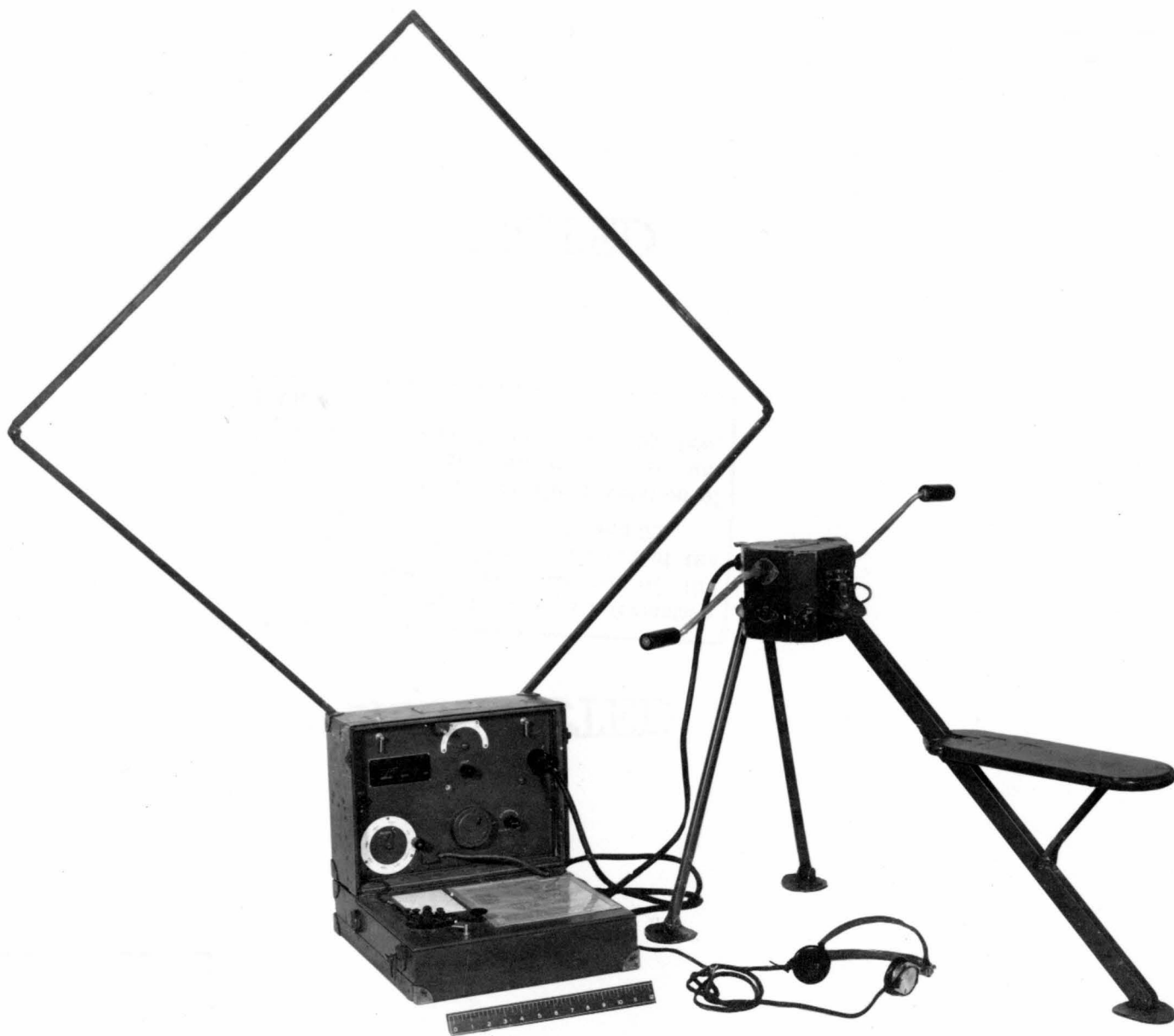
*SERIES II*



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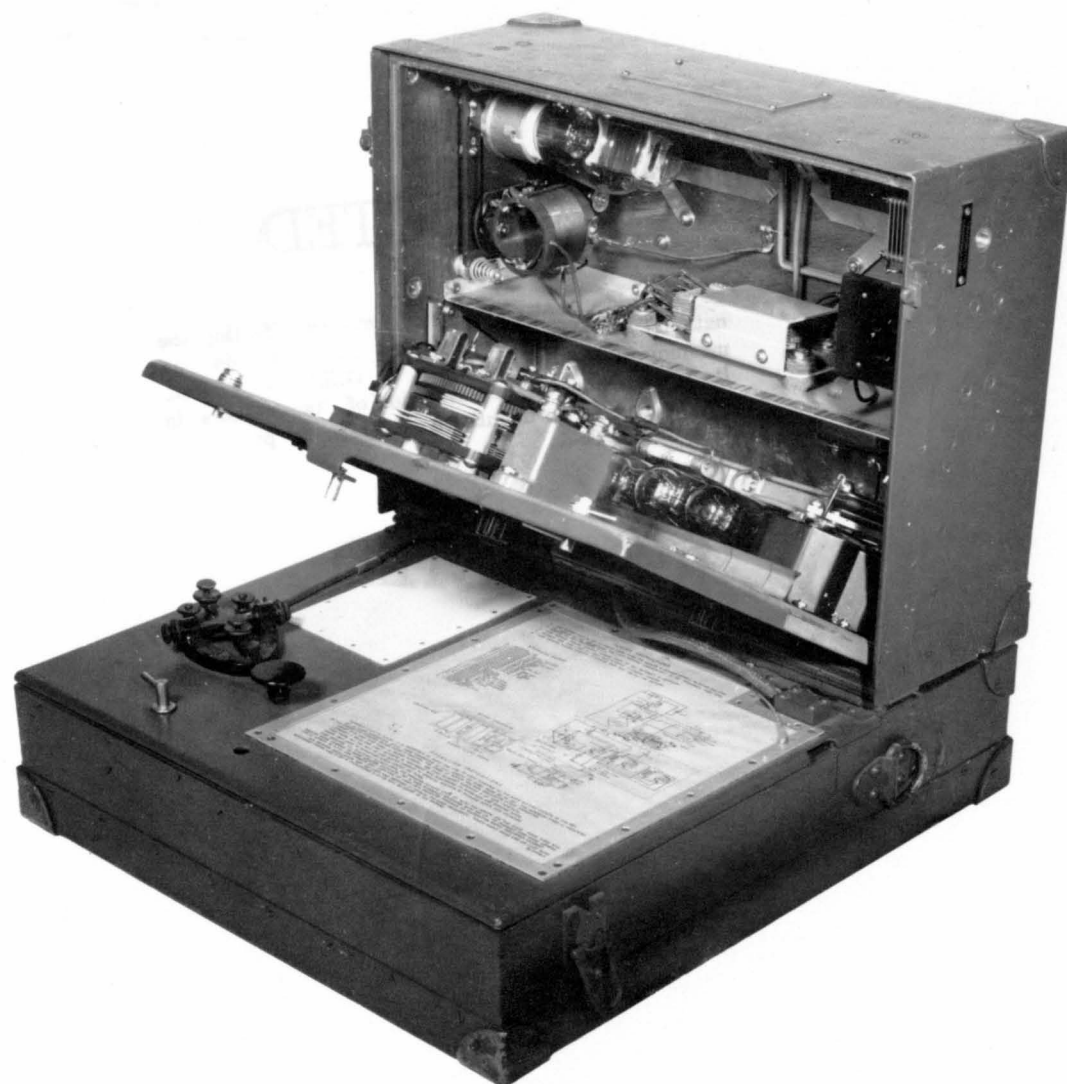


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RADIO SET SCR-131  
Prepared for Operation

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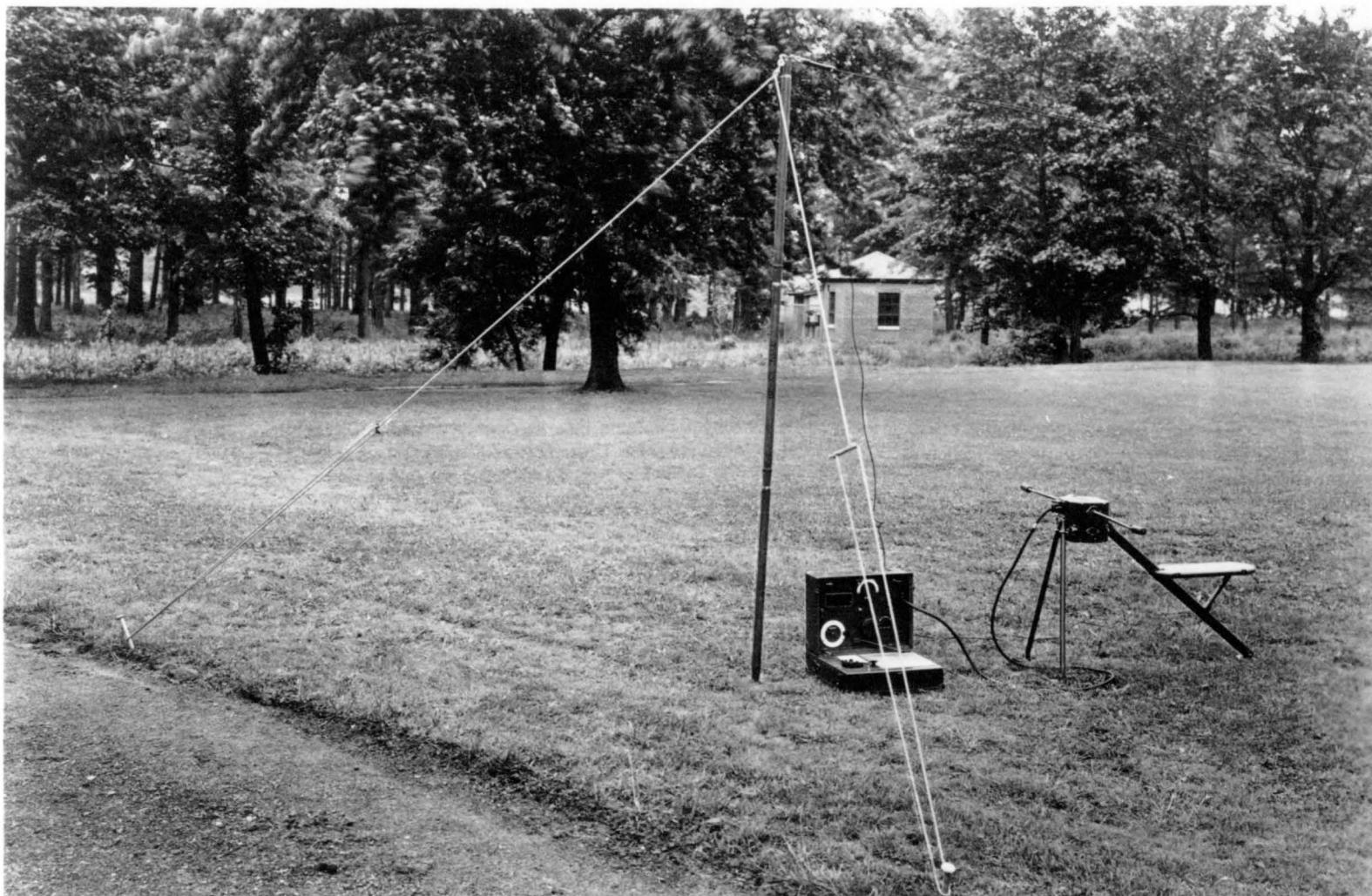


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RADIO RECEIVER and TRANSMITTER BC-148 . PART of RADIO SET SCR-131

Top Panel Open





RADIO SET SCR-171  
Prepared for Operation



COMPONENTS of RADIO SET SCR-177-A





TRANSMITTING EQUIPMENT of RADIO SET SCR-177-A  
Installed in Chest CH-27-A

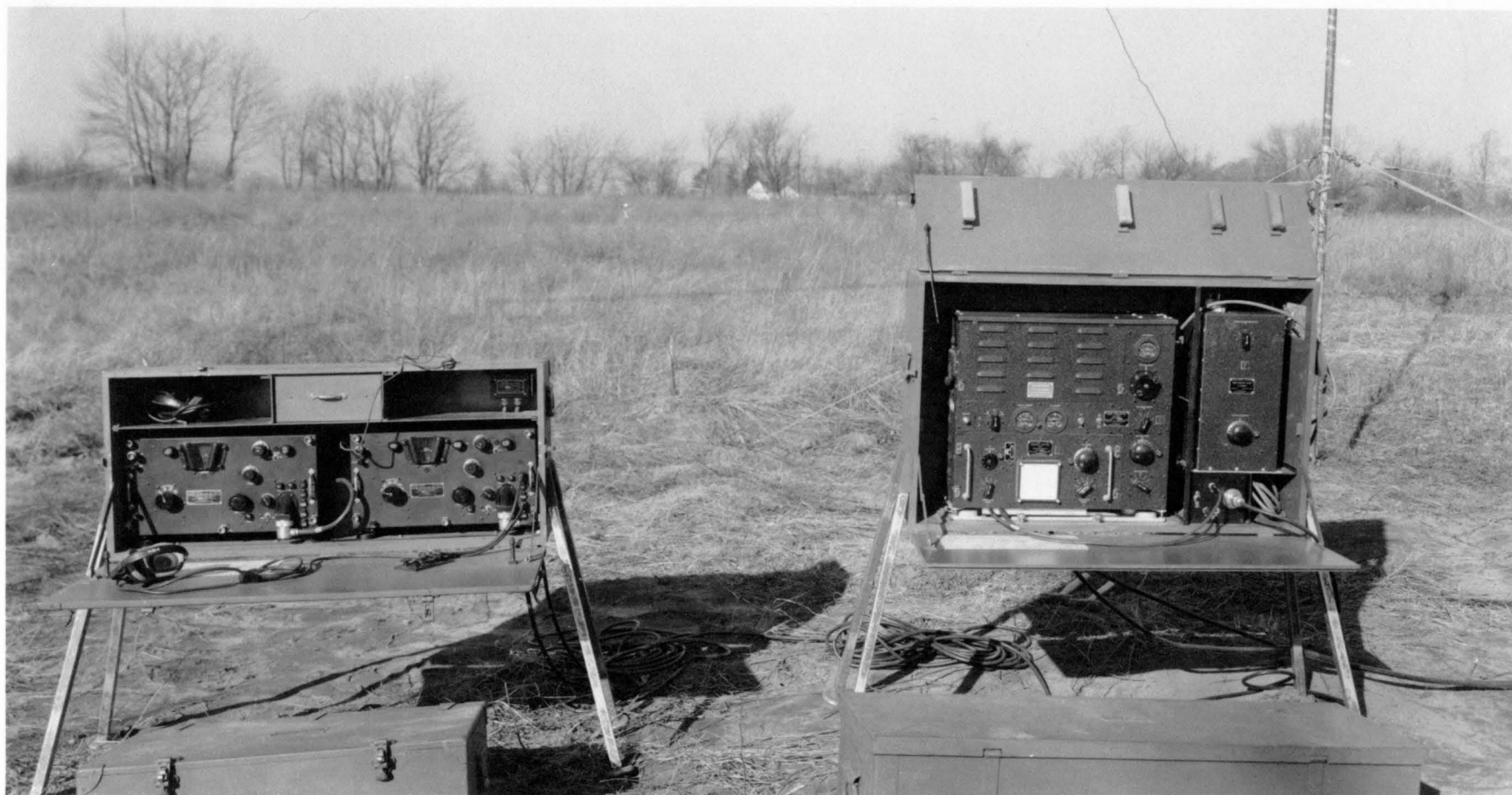


RECEIVING EQUIPMENT . TRANSMITTING REMOTE CONTROL ARRANGEMENT . As USED in RADIO SET SCR-177-A  
Installed in Chest CH-31-A



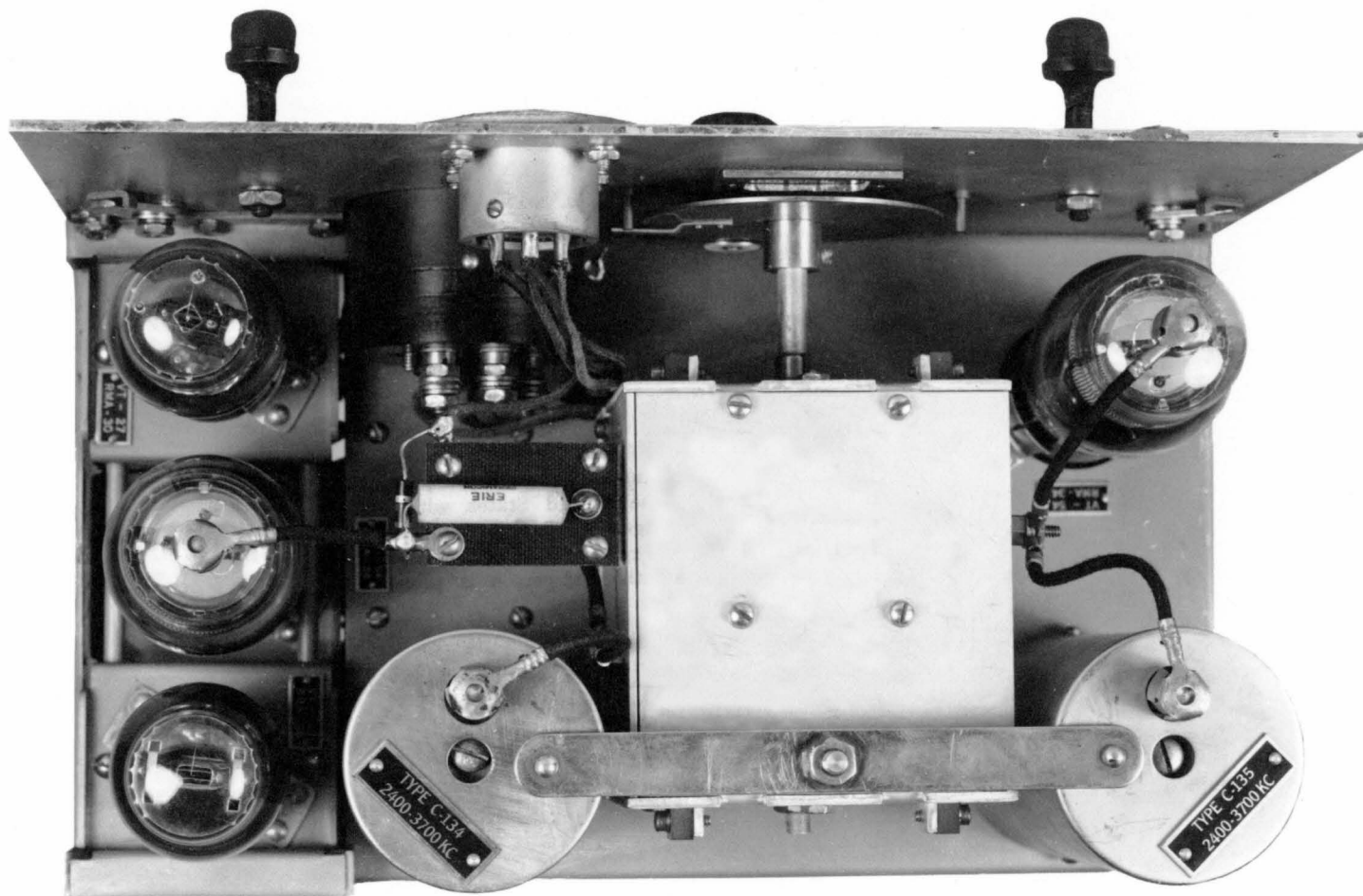


RADIO SET SCR-177-B  
Prepared for Operation . Showing "L" Type Antenna

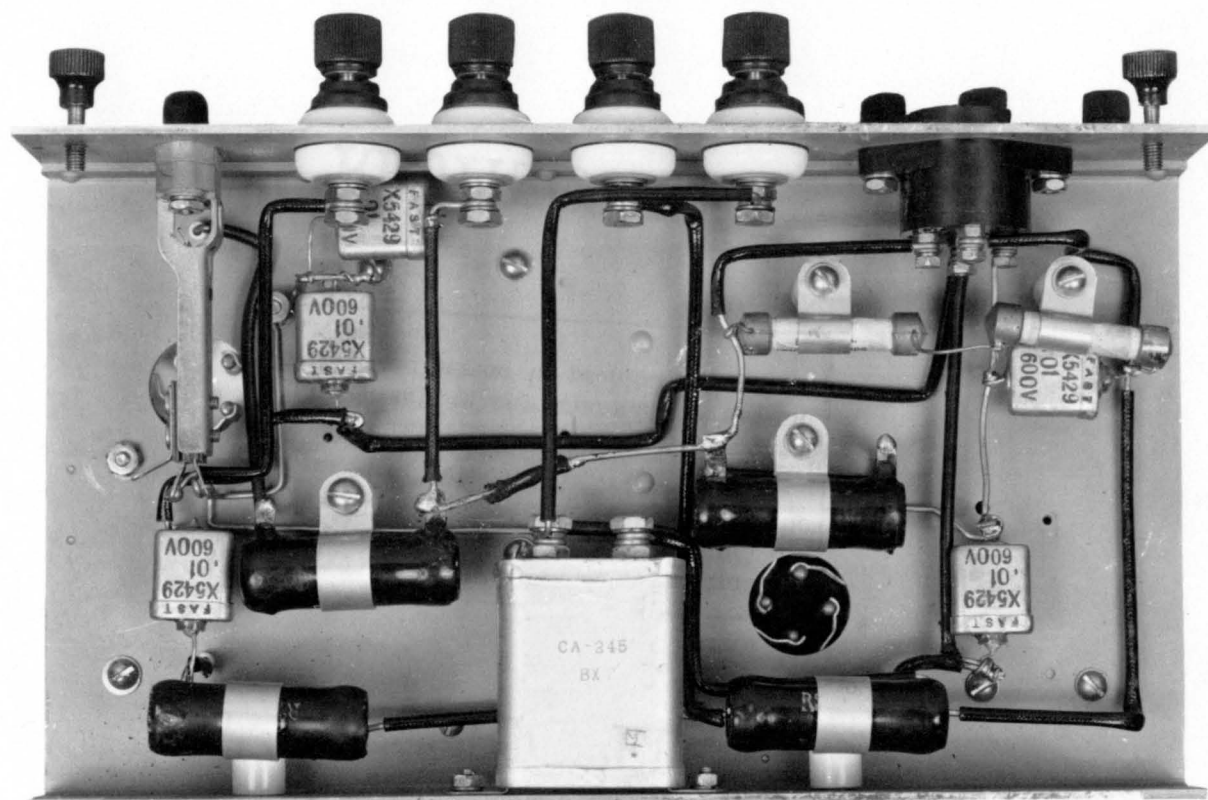


PRINCIPAL COMPONENTS of RADIO SET SCR-177-B  
Front View



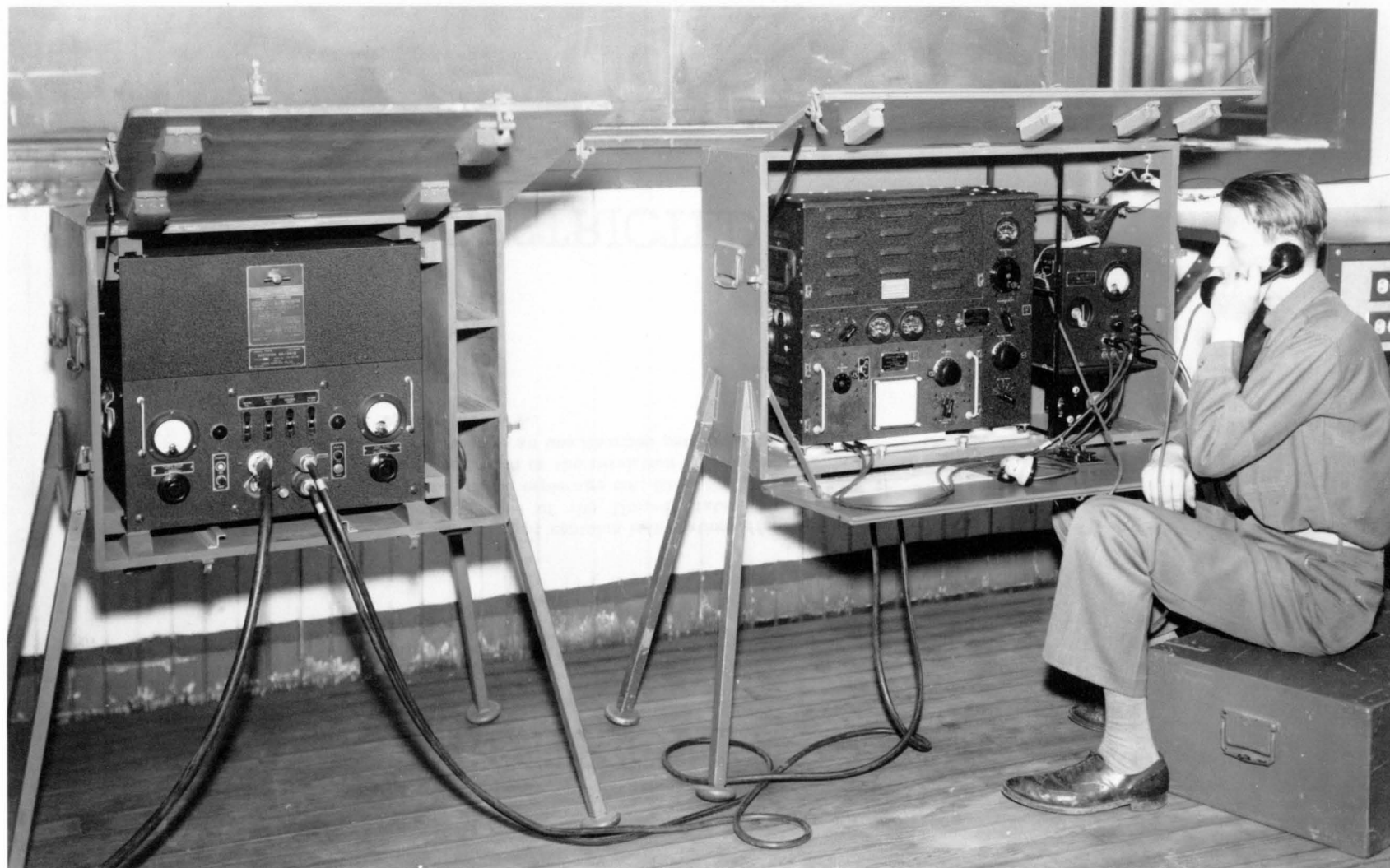


RADIO RECEIVER BC-186 (Modified) . PART of RADIO SET SCR-178  
Top View . Showing Condenser .0001 MFD on Small Strip



RADIO TRANSMITTER BC-187 (Modified) . PART of RADIO SET SCR-178  
Bottom View of Chassis . Showing Location of Five Condensers .01 MFD





PRINCIPAL COMPONENTS of RADIO SET SCR-188-A  
Showing Transmitter Set-up in Action



RADIO RECEIVER BC-342-C . PART of RADIO SET SCR-188-A

Front View



DYNAMOTOR BD-77-B . RADIO TRANSMITTER BC-191-C with TRANSMITTER TUNING UNIT TU-6-B . RADIO RECEIVER BC-312-C  
Part of Radio Set SCR-193-D and SCR-193-E





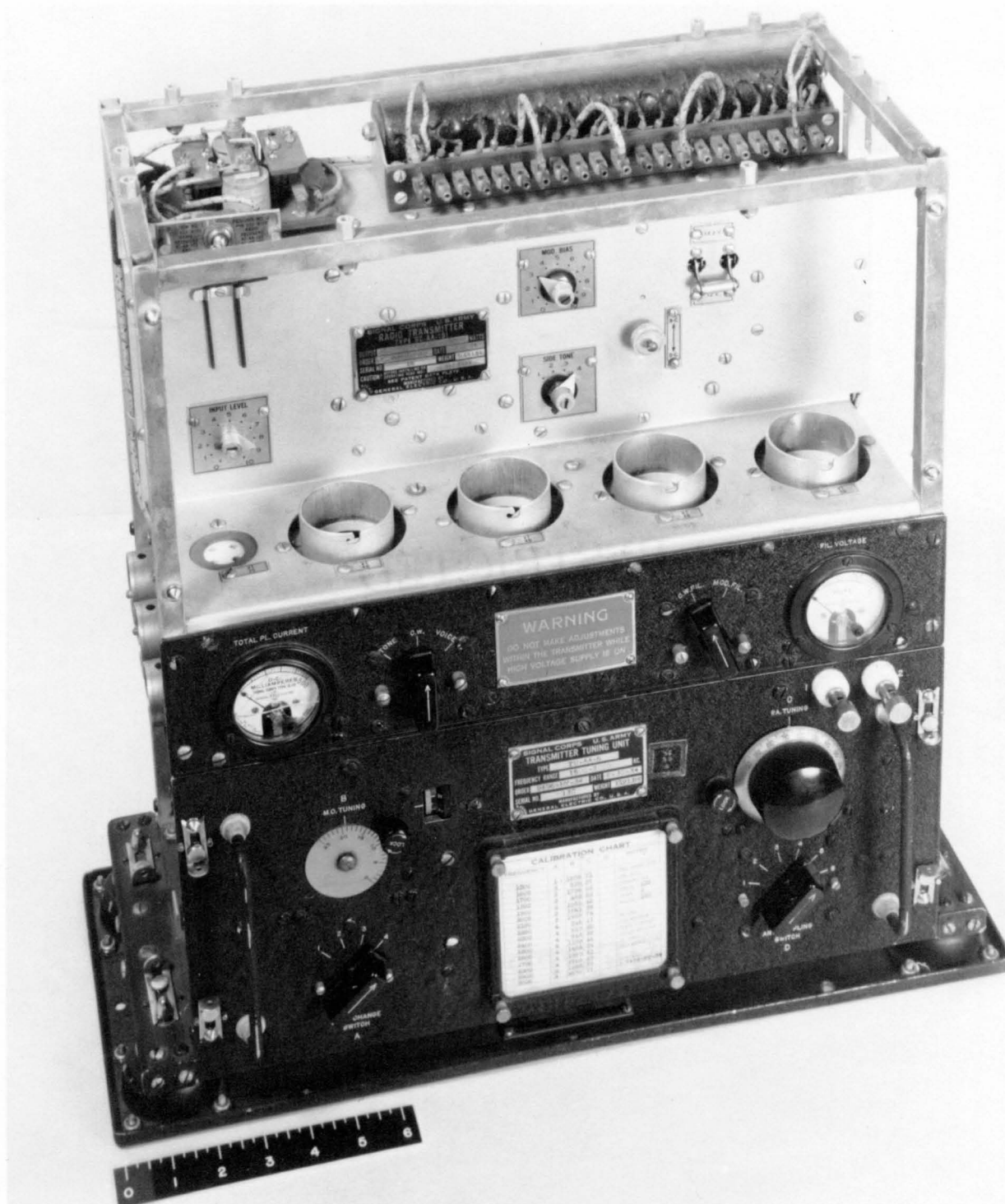
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PRINCIPAL COMPONENTS of RADIO SET SCR-193  
Radio Receiver BC-312 . Mockup of Radio Transmitter BC-191-A  
Mockup of Dynamotor BD-71-A . In Half Track M2

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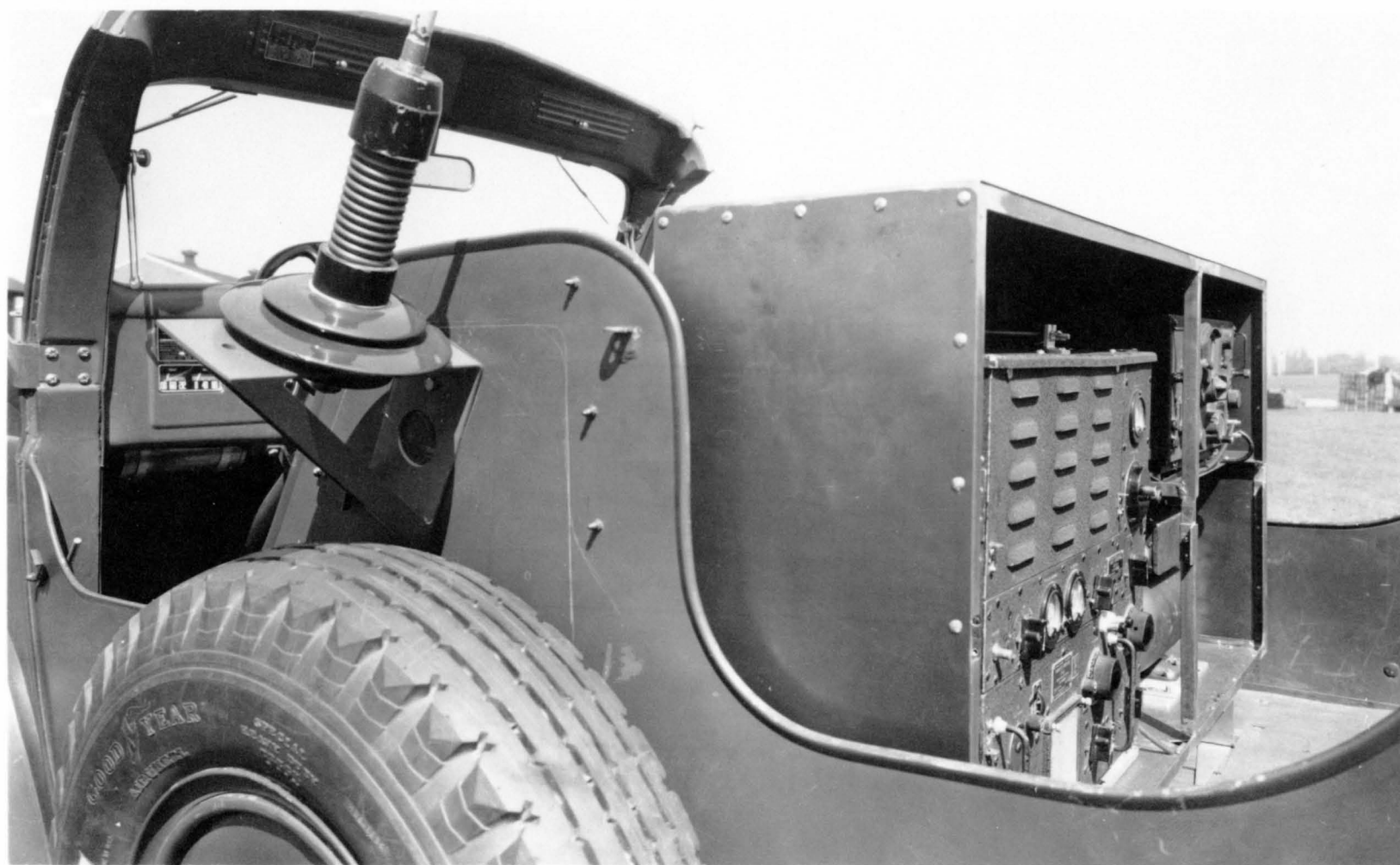


RADIO RECEIVER BC-312-C . PART of RADIO SET SCR-193  
Front View



RADIO TRANSMITTER BC-AA-191 . TUNING UNIT TU-AA-5 . PART of RADIO SET SCR-193  
Front View . Locked in Position





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RADIO SET SCR-193-E

Showing Mast Base Bracket MP-41 and Mast Base MP-37 on Truck, 1/2-Ton 4 X 4 Command (Radio)

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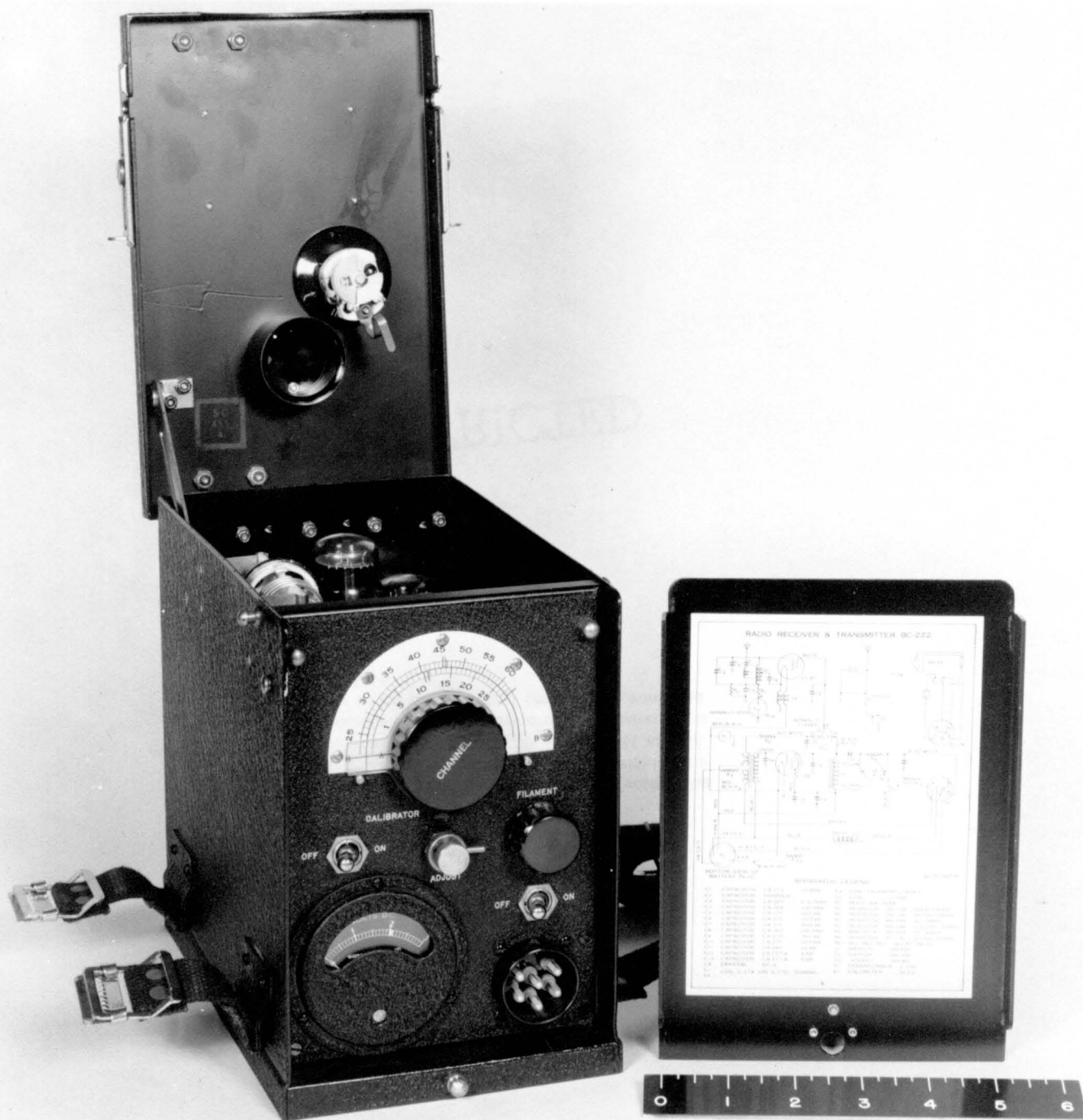
DATE 9-18-40 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-535

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RADIO SET SCR-194  
 Prepared for Operation (Left) . Carrying Position (Right)

DATE 12-20-41 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-486



RADIO RECEIVER and TRANSMITTER BC-222 . PART OF RADIO SET SCR-194  
Front View . Panel Cover Removed





PRINCIPAL COMPONENTS of RADIO SET SCR-195



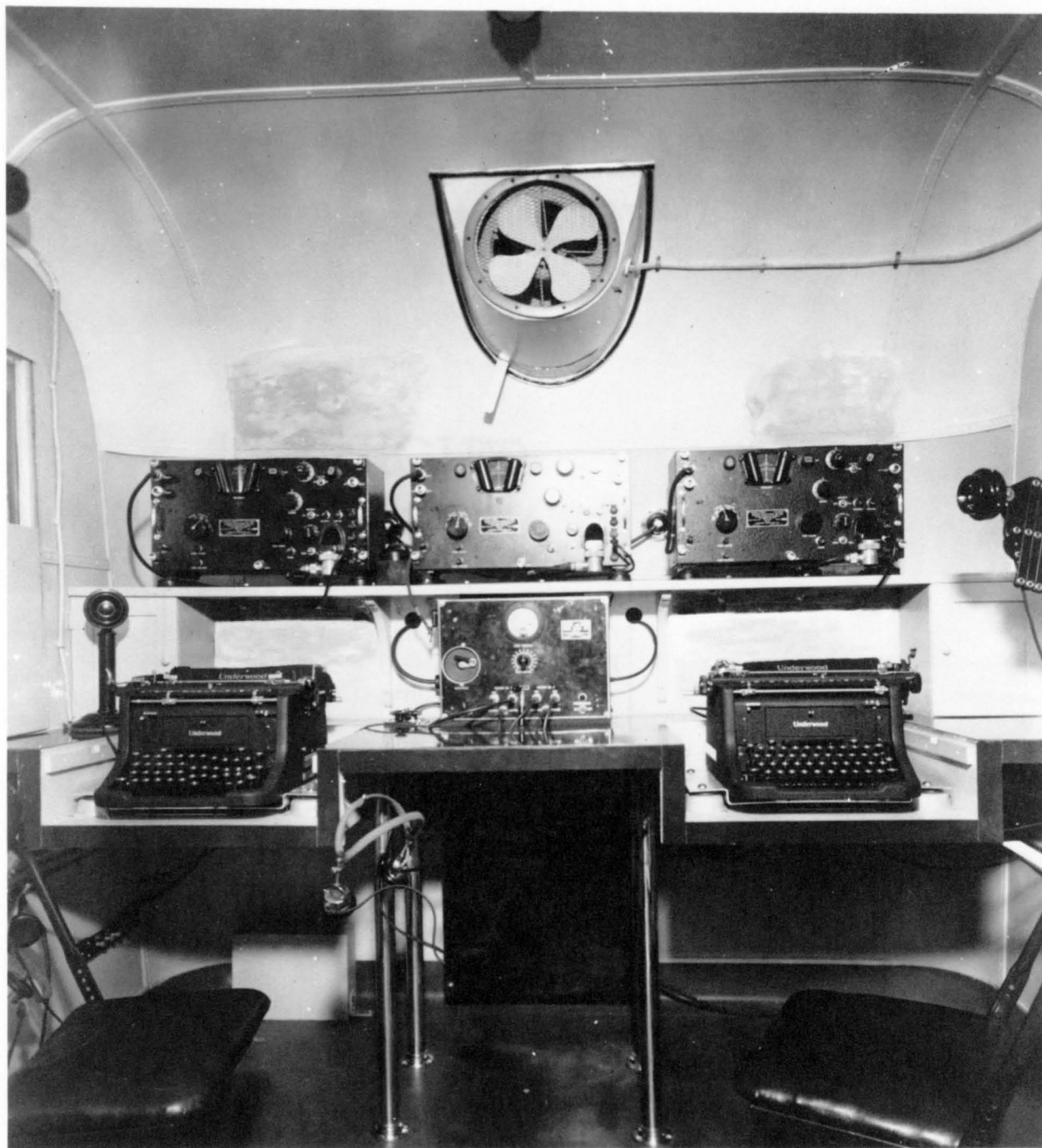
RADIO RECEIVER and TRANSMITTER BC-322 . PART of RADIO SET SCR-195

Control Panel

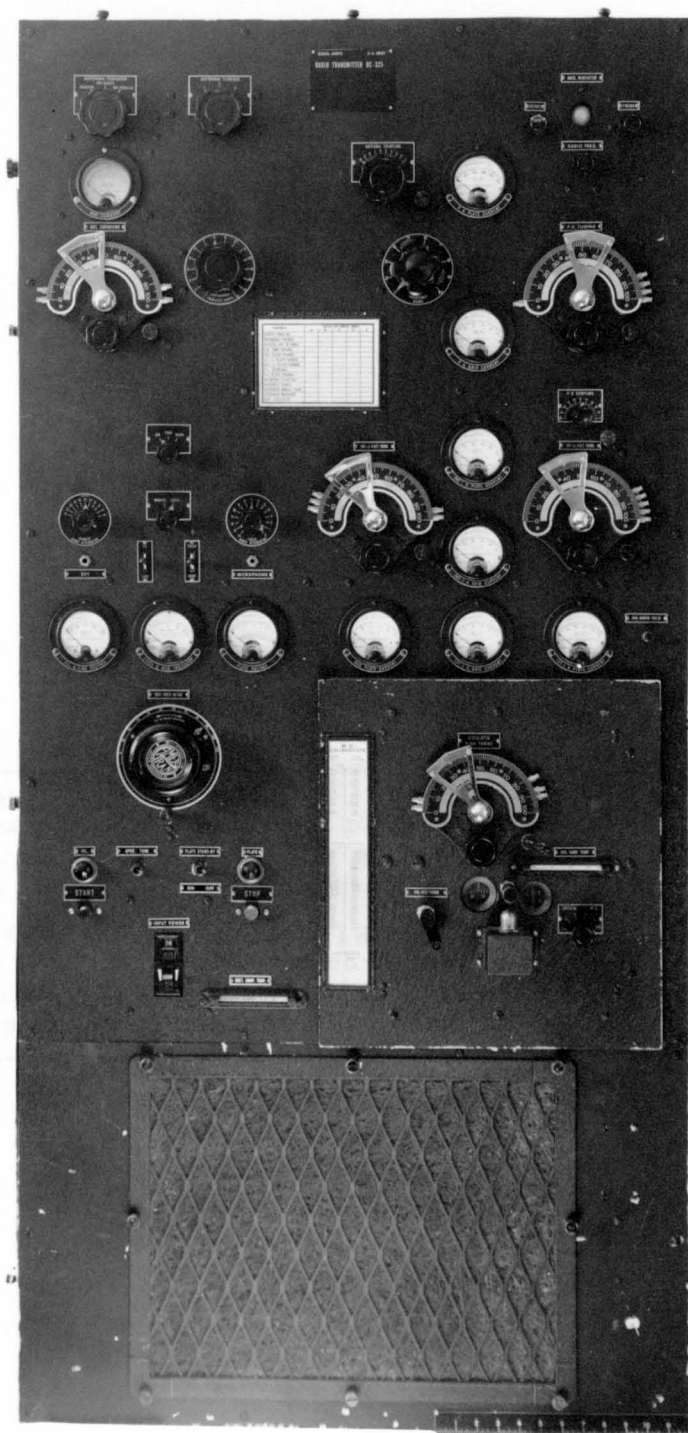


RADIO RECEIVER BC-342-D . PART of RADIO SET SCR-197-( )  
Showing Automatic Noise Limiter Switch . Front View





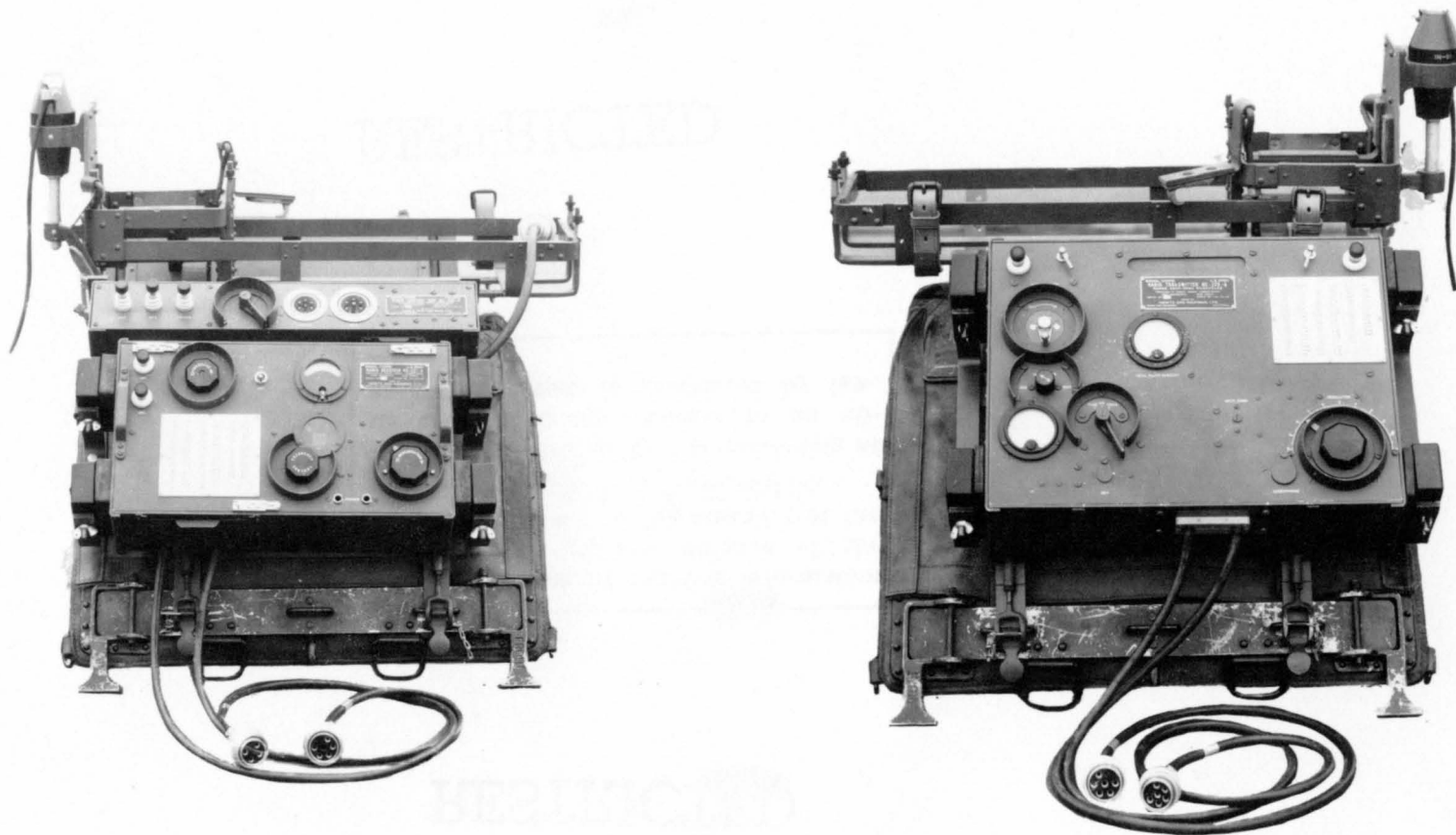
RADIO OPERATOR'S SECTION of RADIO SET SCR-197-A . INSTALLED in TRAILER K-19-A



RADIO TRANSMITTER BC-325-( ) . PART of RADIO SET SCR-197-A  
Front View . Showing Steel Construction

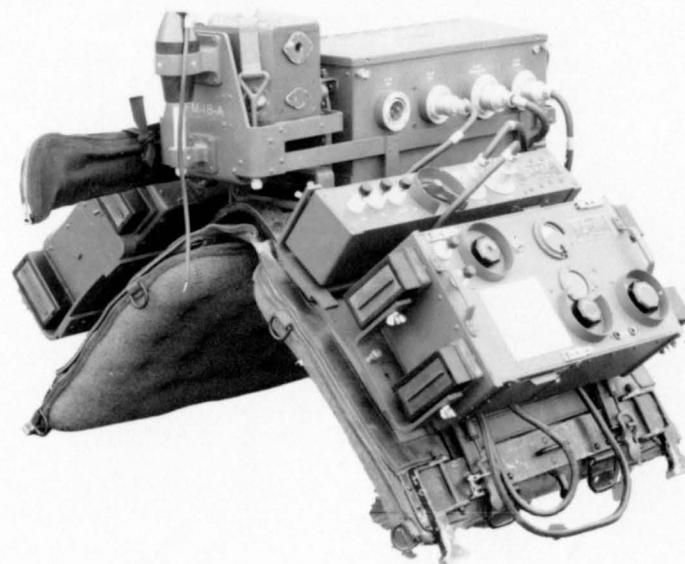
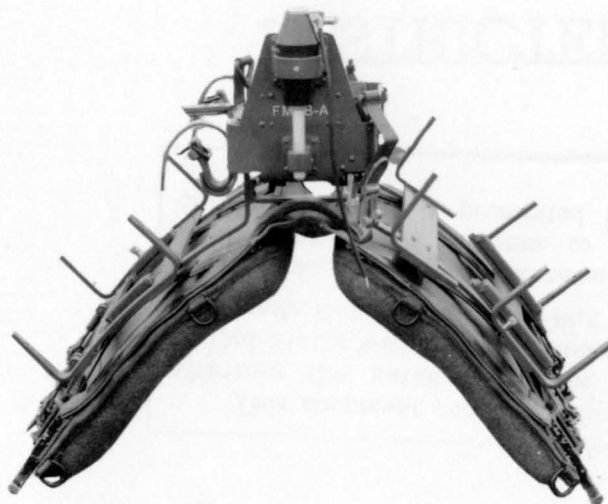


PRINCIPAL COMPONENTS of RADIO SET SCR-197-B . INSTALLED in TRAILER K-19-B  
Prepared for Operation



RADIO RECEIVER BC-227-A . RADIO CONTROL BOX BC-235-A (Left) RADIO TRANSMITTER BC-228-A (Right)  
Part of Radio Set SCR-203





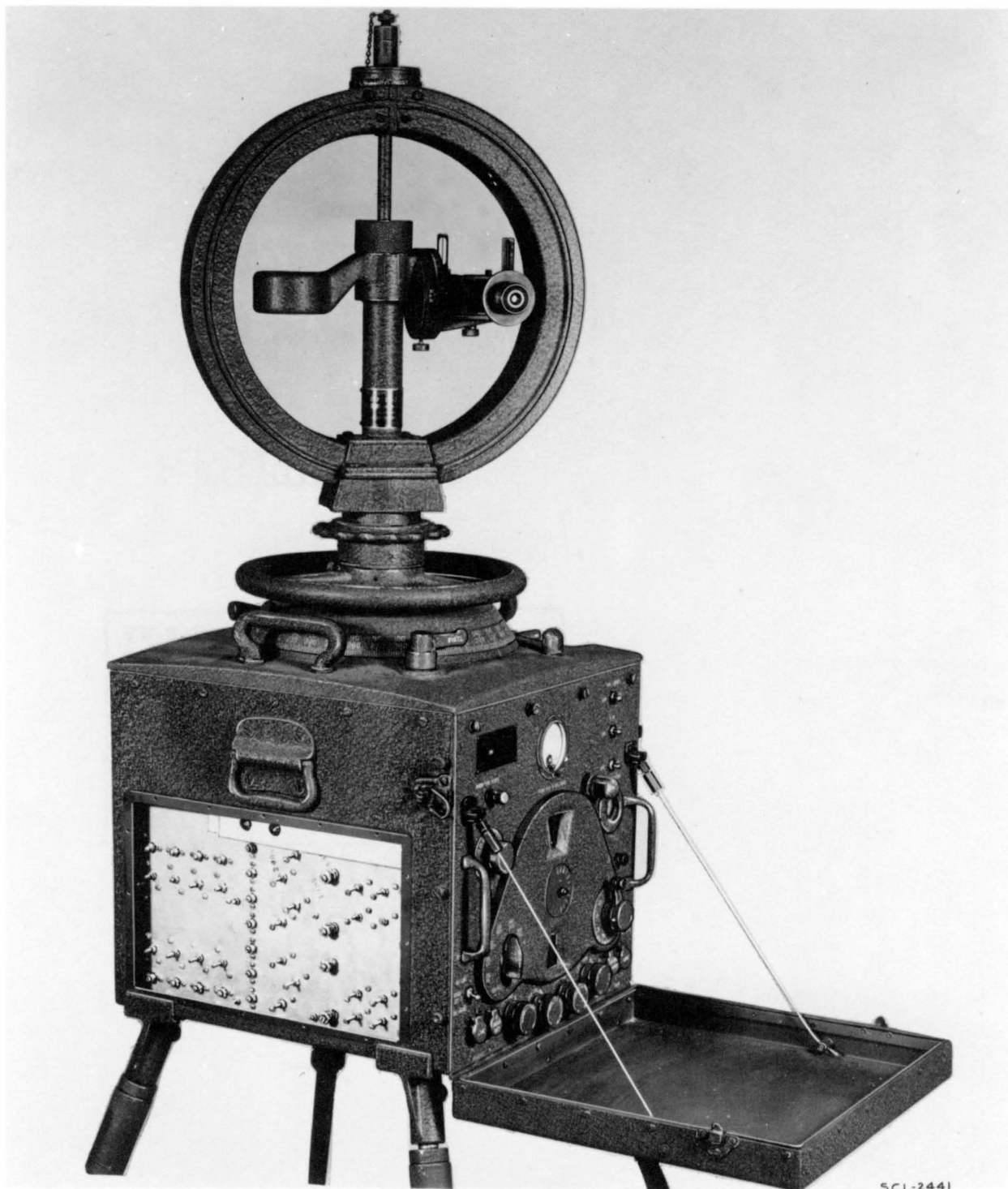
FRAME FM-18-A (Left)  
Components of Radio Set SCR-203 Mounted in Place (Right)



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RADIO SET SCR-206-C  
Set Up for Operation

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SCI-2441

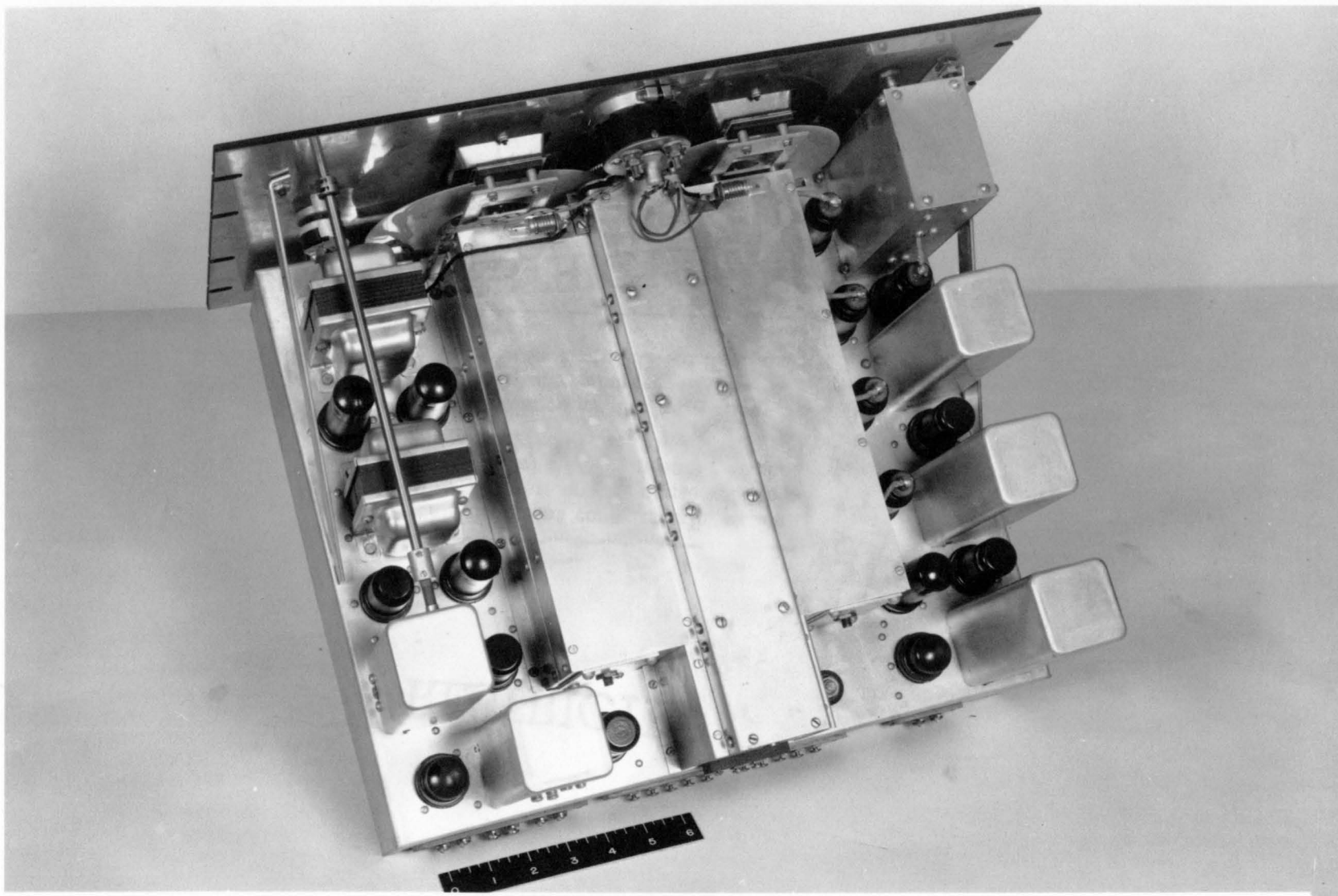
RADIO RECEIVER BC-470-C . PART of RADIO SET SCR-206-C  
Cover Removed for Alignment







PRINCIPAL COMPONENTS of RADIO SET SCR-244-A (Manufacturer's Sample)  
Front View



HAMMARLUND SUPER PRO RADIO RECEIVER . PART of RADIO SET SCR-244-A (Manufacturer's Sample)  
Top View of Chassis

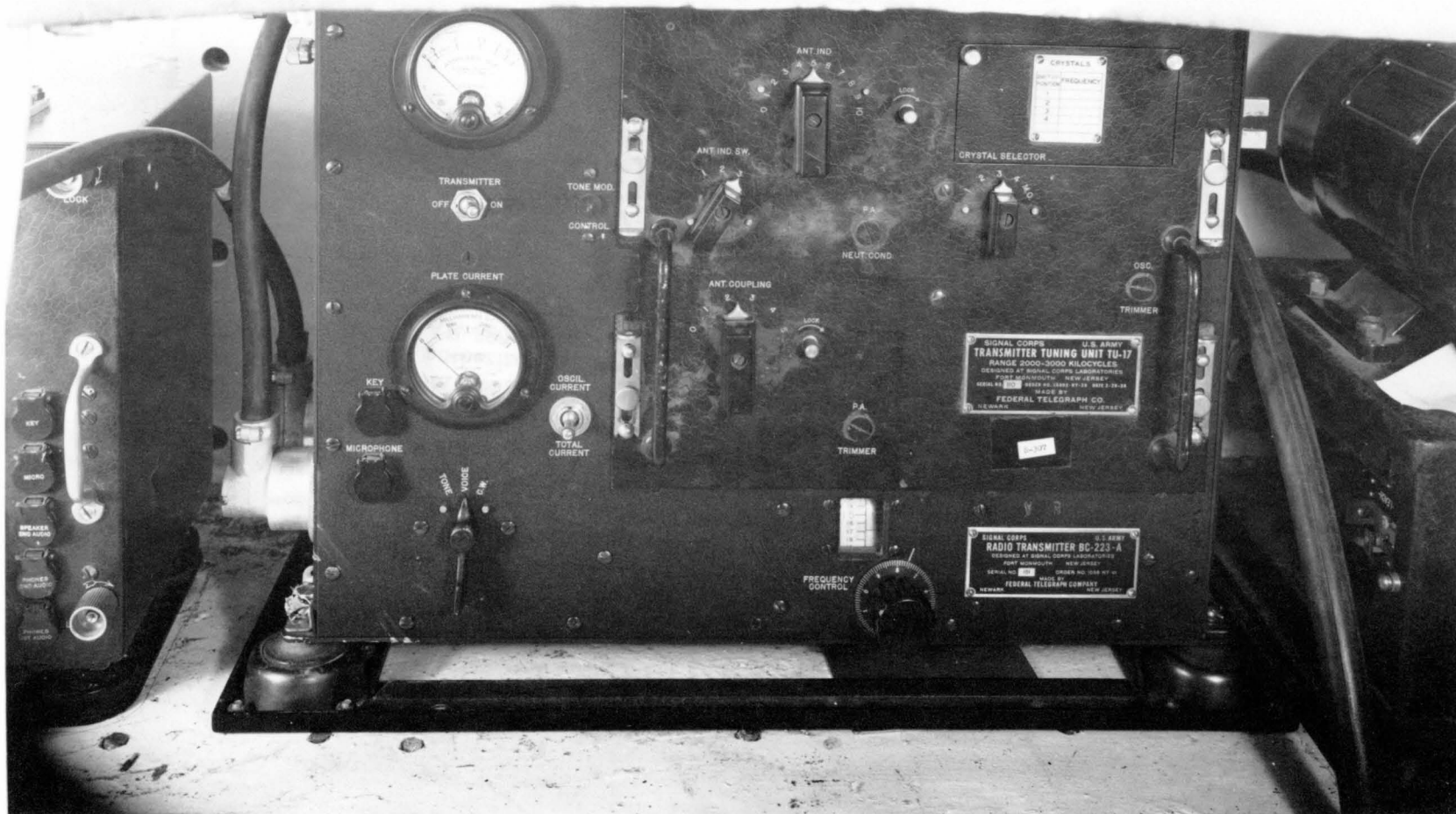
DATE 2-3-42

SIGNAL CORPS GROUND SIGNAL SERVICE

NO. SCGSS 2824



PRINCIPAL COMPONENTS of RADIO SET SCR-245-J . In CHEST CH-60  
Installed in Truck, 1/2-TON 4 X 4 COMMAND (Radio)



RADIO SET SCR-245-( ) . As USED in LIGHT TANK M5 (Revised Light Tank M3)  
Showing Installation in Right Sponson





RADIO SET SCR-245-F  
Installed in Light Tank M2A4 . View from Right

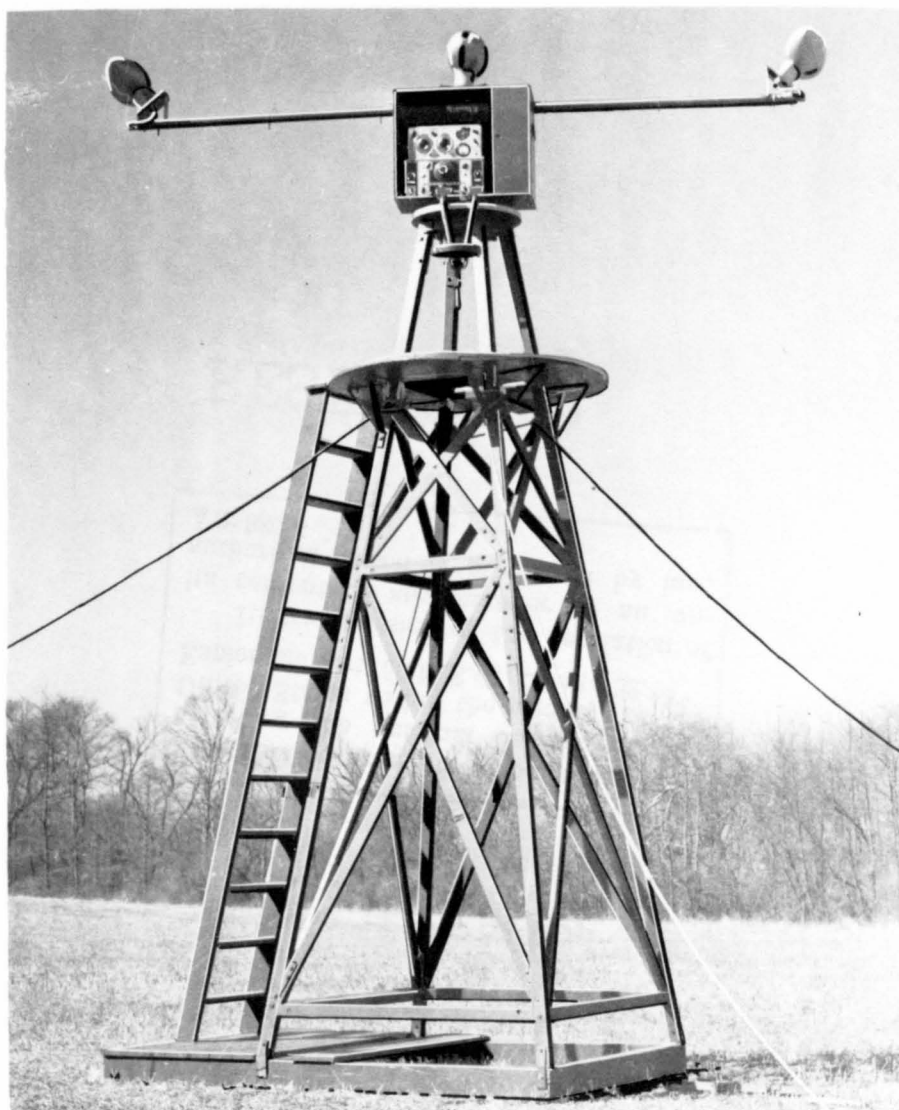


PRINCIPAL COMPONENTS of RADIO SET SCR-245-P  
Installation in Half Track M2



RADIO RECEIVER BC-312-D . PART of RADIO SET SCR-245-( )

Front View . Showing Watch in Case

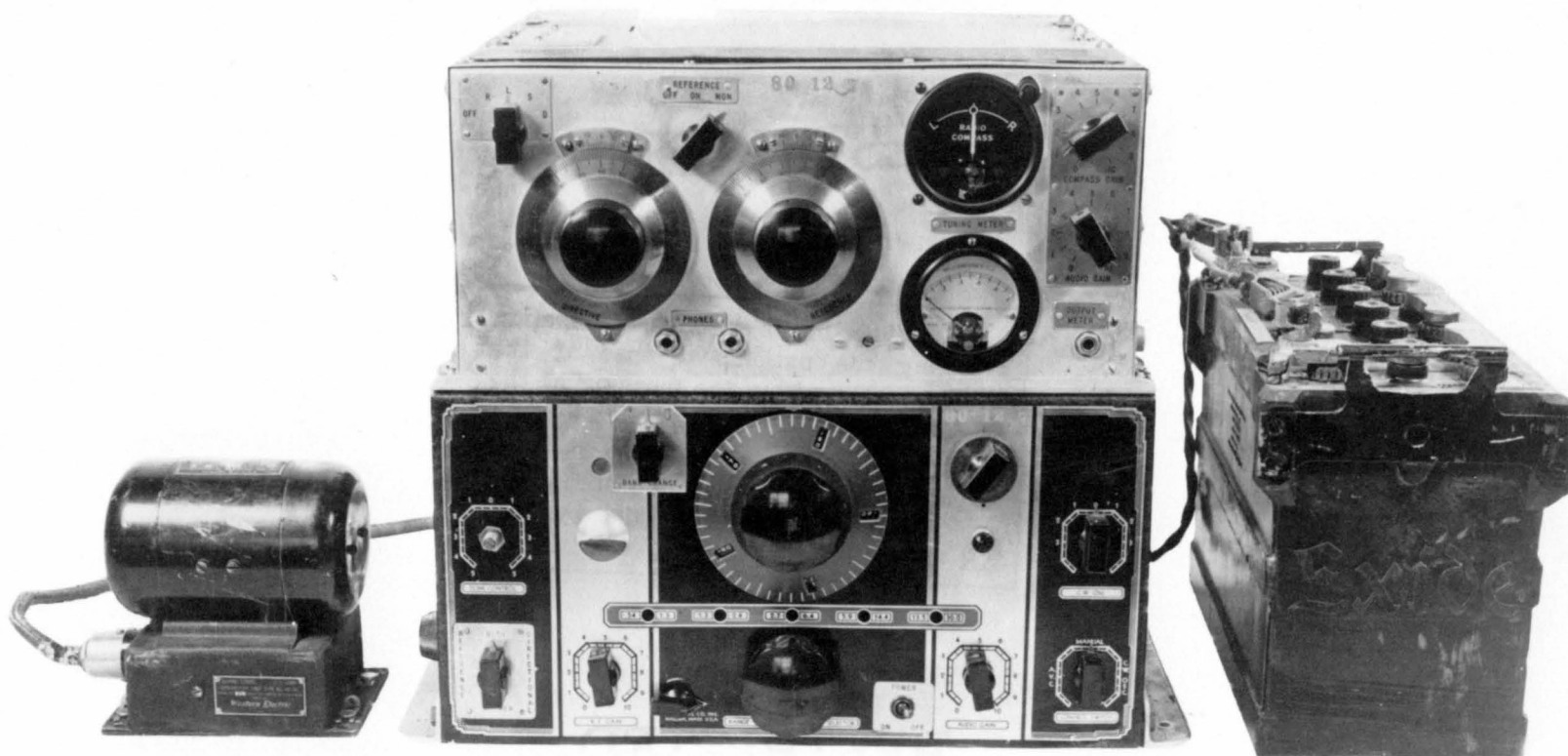


RADIO SET SCR-252-T2  
Front View of Assembly . Receiving Chest Cover Open

DATE 3-25-41

SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL- 651





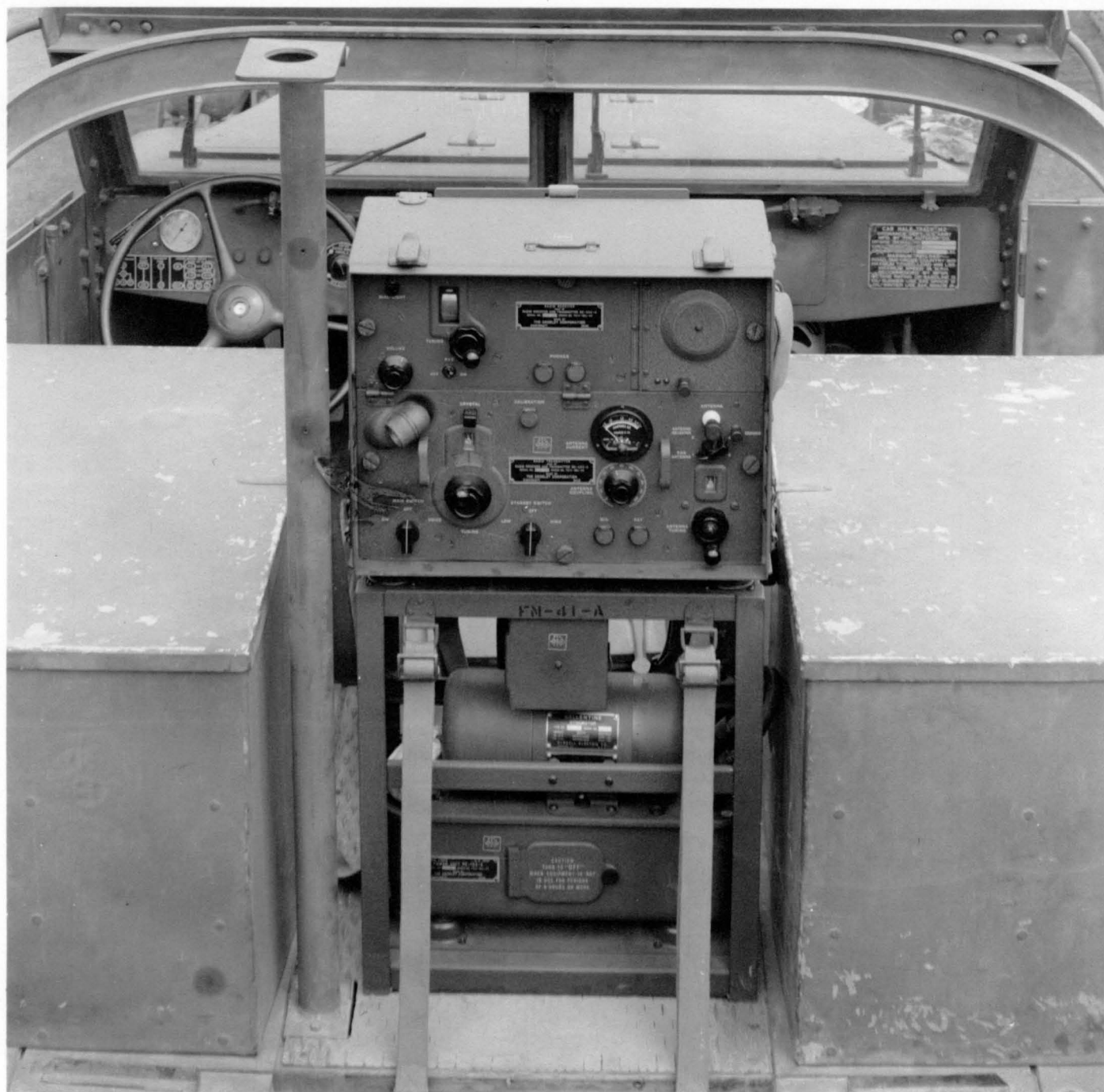
RECEIVER and POWER UNITS . PART of RADIO SET SCR-252-T2



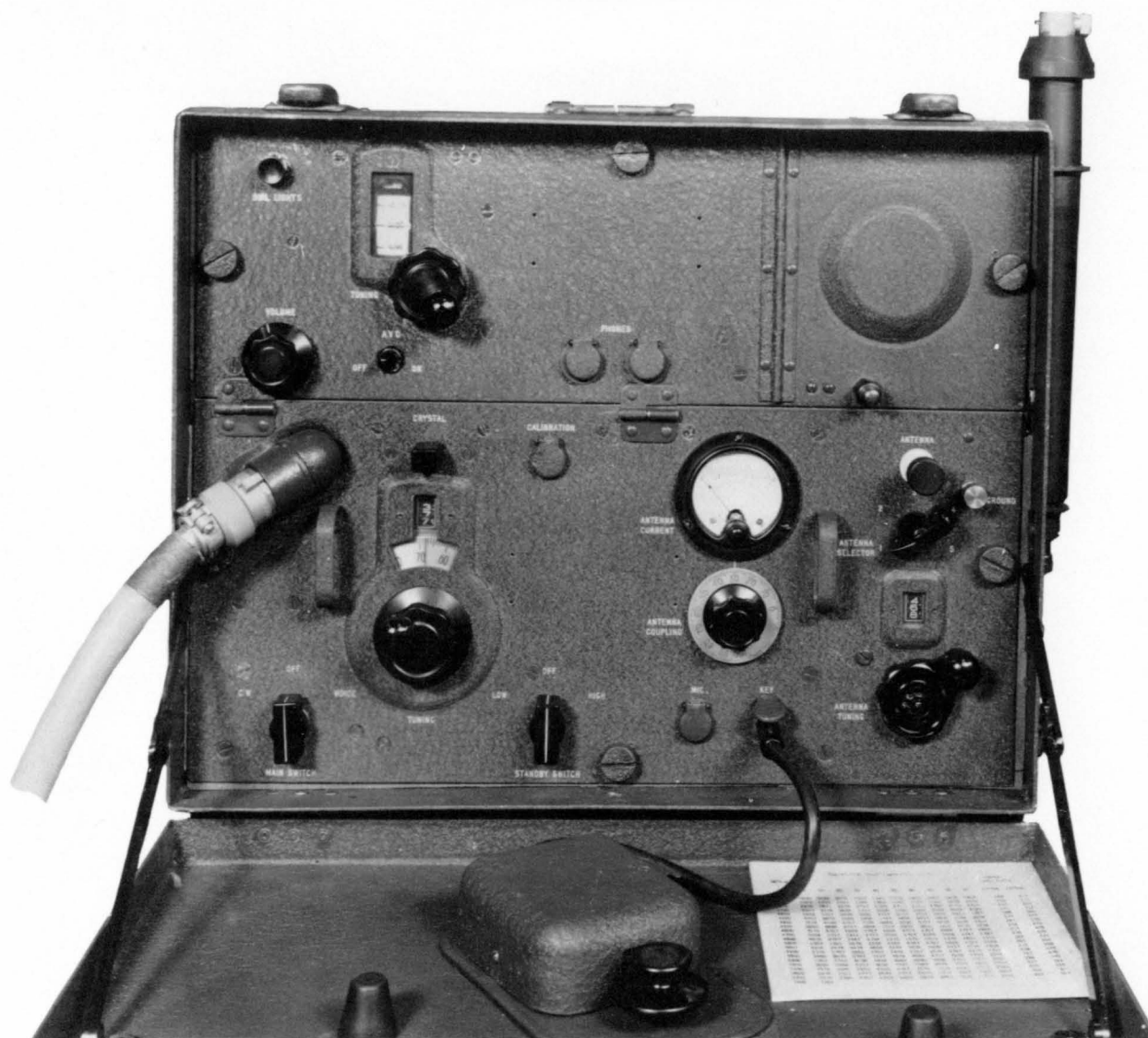
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RADIO SET SCR-255-T4  
Controls, Scale, and Handwheel

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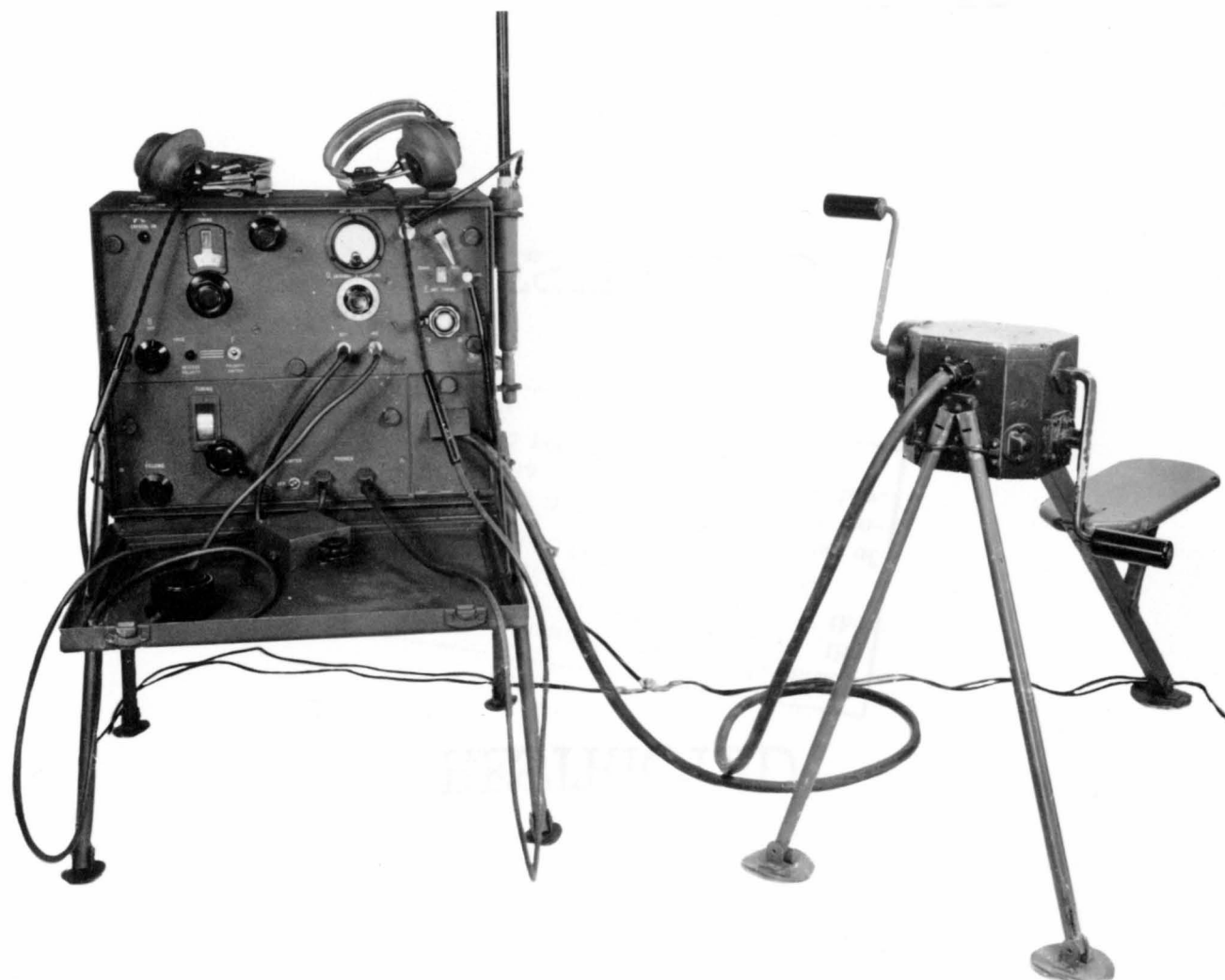


PRINCIPAL COMPONENTS of RADIO SET SCR-284-A  
Front View . Showing Proposed Location Between Ammunition Boxes in Half Track M2



RADIO RECEIVER and TRANSMITTER BC-654 . PART of RADIO SET SCR-284-A  
Front View

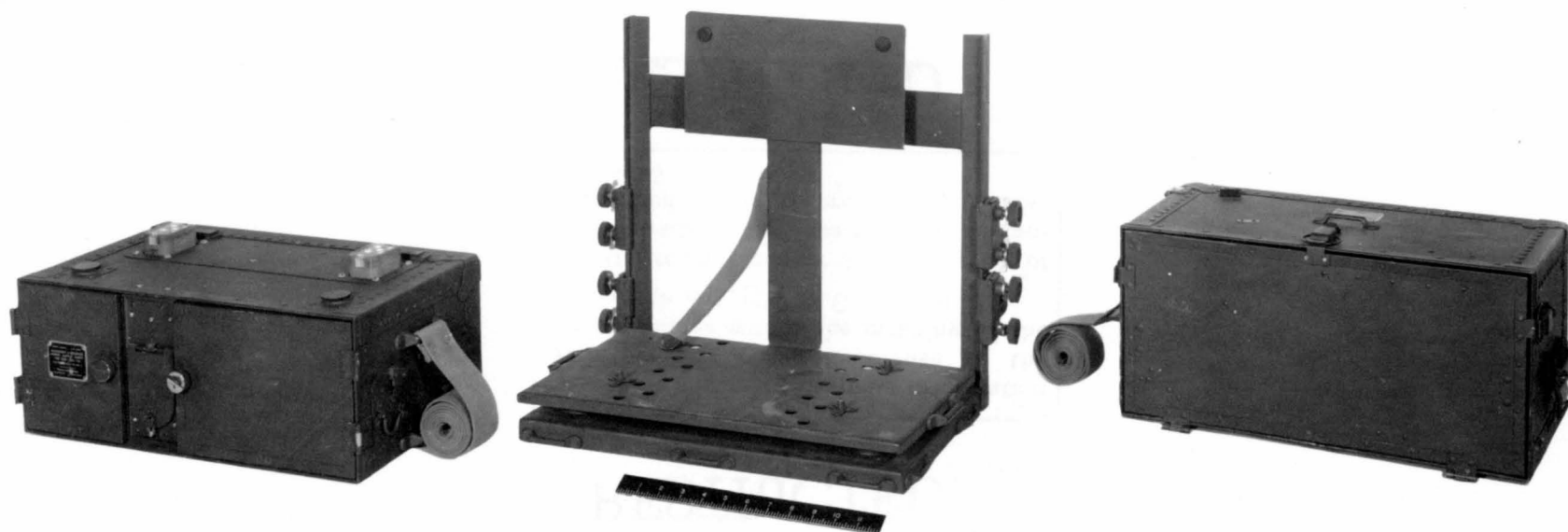




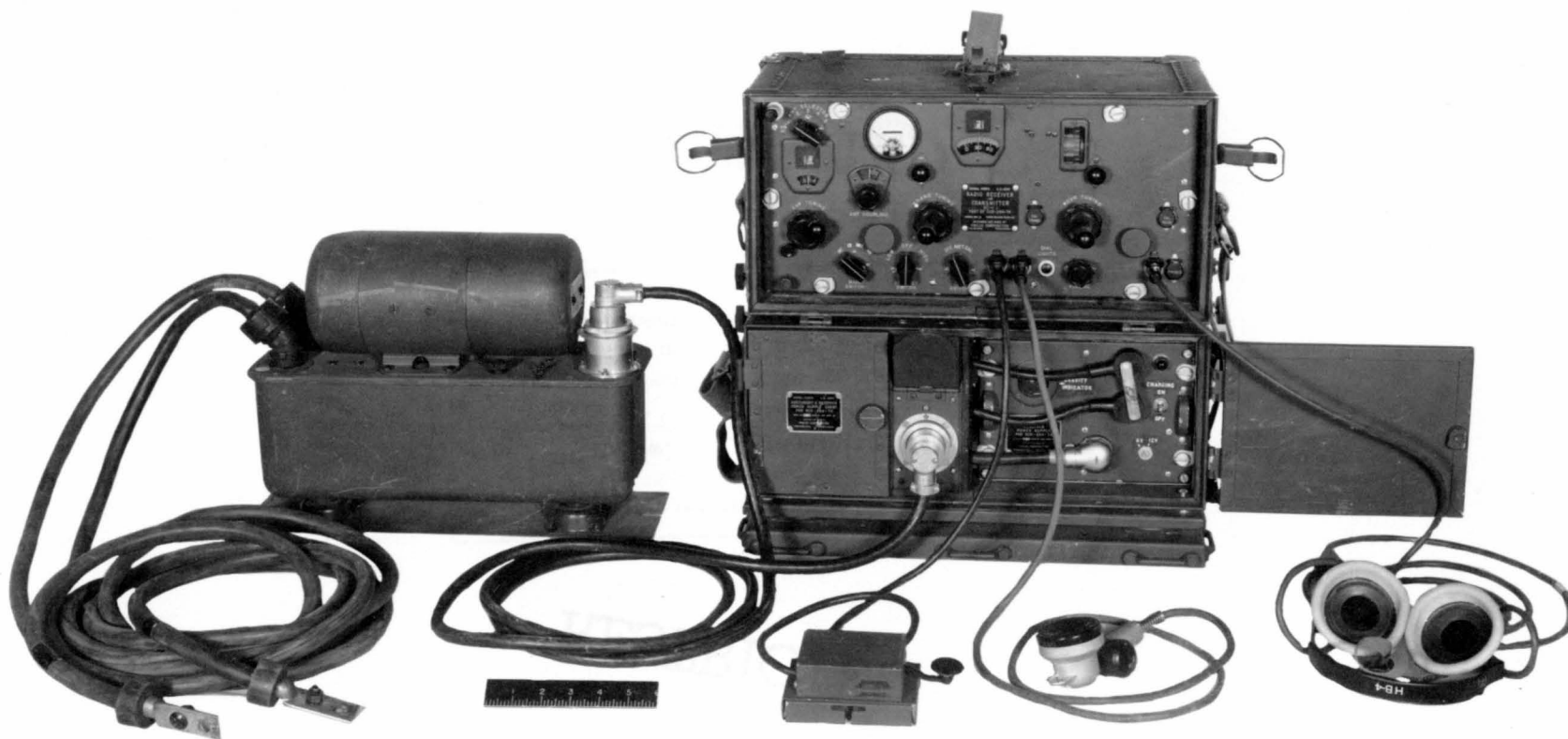
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RADIO SET SCR-284-T2

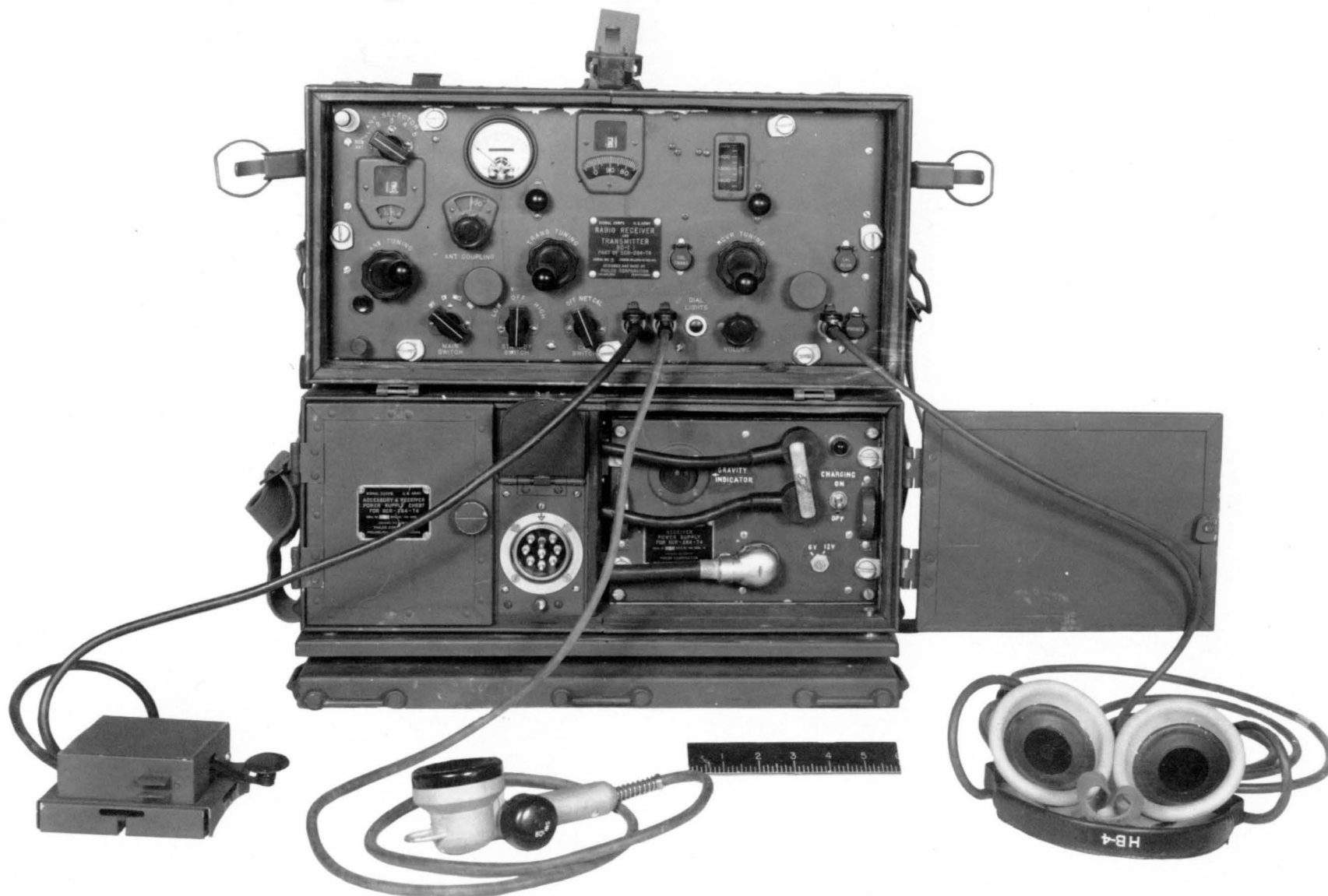
Set-up for Ground Station . Hand Generator Operation



PRINCIPAL COMPONENTS of RADIO SET SCR-284-T4  
Unassembled

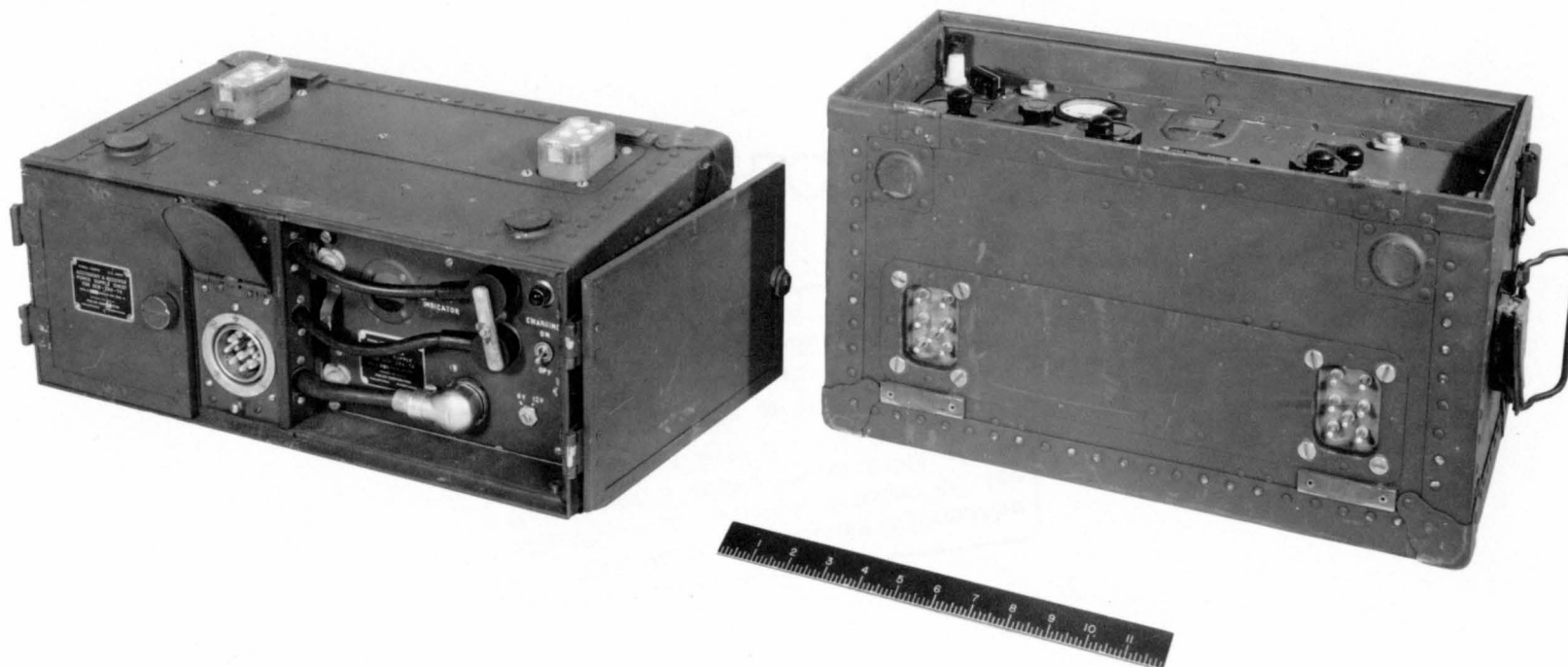


RADIO SET SCR-284-T4  
Front View . Prepared for Vehicular Operation

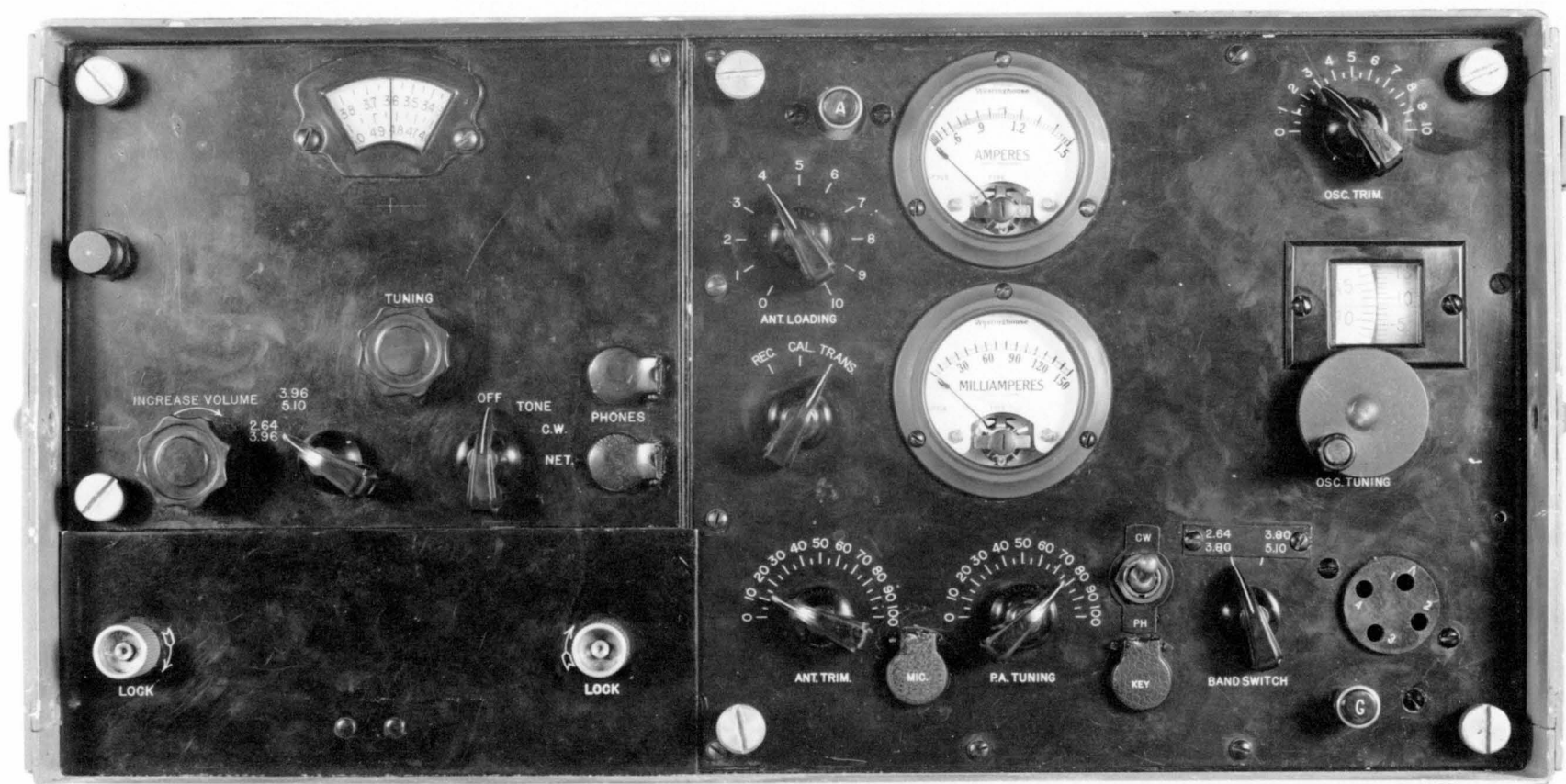


RADIO RECEIVER and TRANSMITTER BC- ( ) . ACCESSORY and RECEIVER POWER SUPPLY CHEST . PART of RADIO SET SCR-284-T4  
Front View . Showing Plug for Attaching Transmitter Power Supply Unit PE-103- (Modified)





ACCESSORY and RECEIVER POWER SUPPLY CHEST . RADIO RECEIVER and TRANSMITTER BC- - ( ) . PART of RADIO SET SCR-284-T4  
Overall View (Left) . Bottom View (Right) . Showing Connecting Plugs

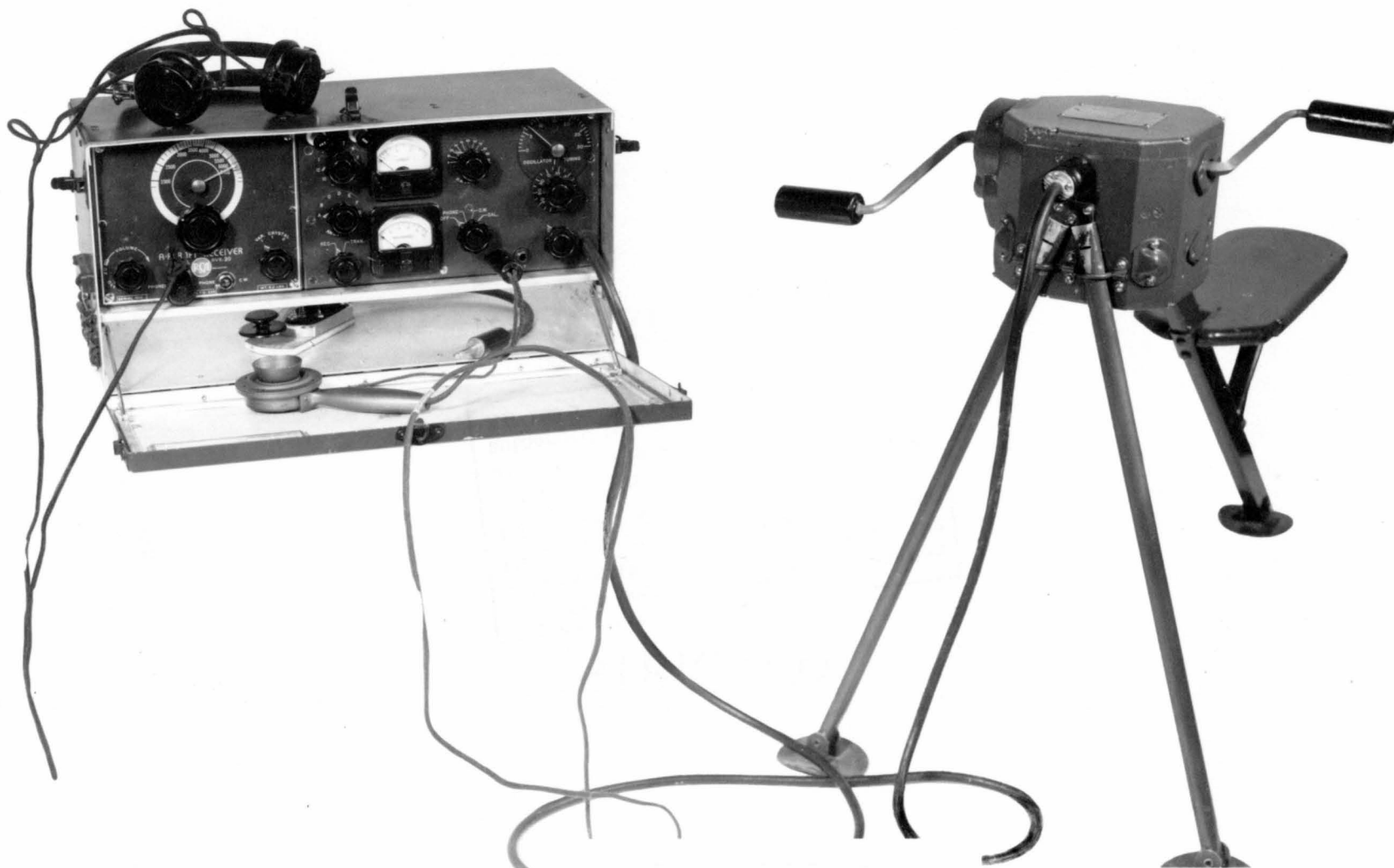


RADIO SET SCR-285 (Modified for AM and FM)  
Panel View



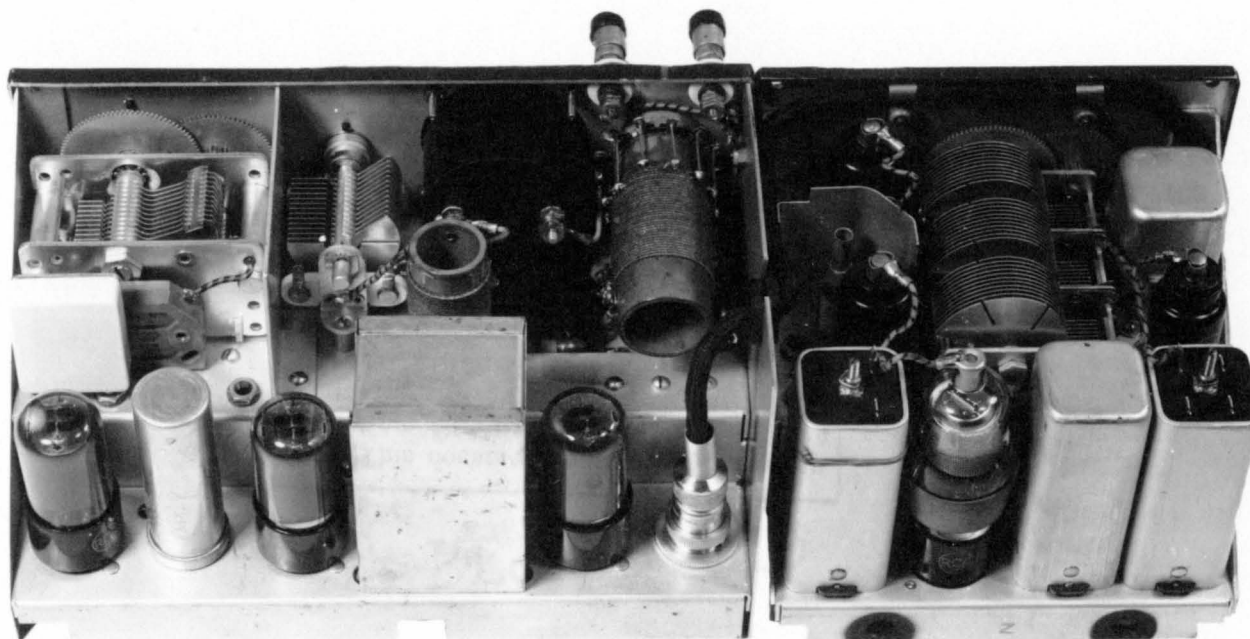
RADIO RECEIVER and TRANSMITTER BC-151 . PART of RADIO SET SCR-285

Bottom View of Interior

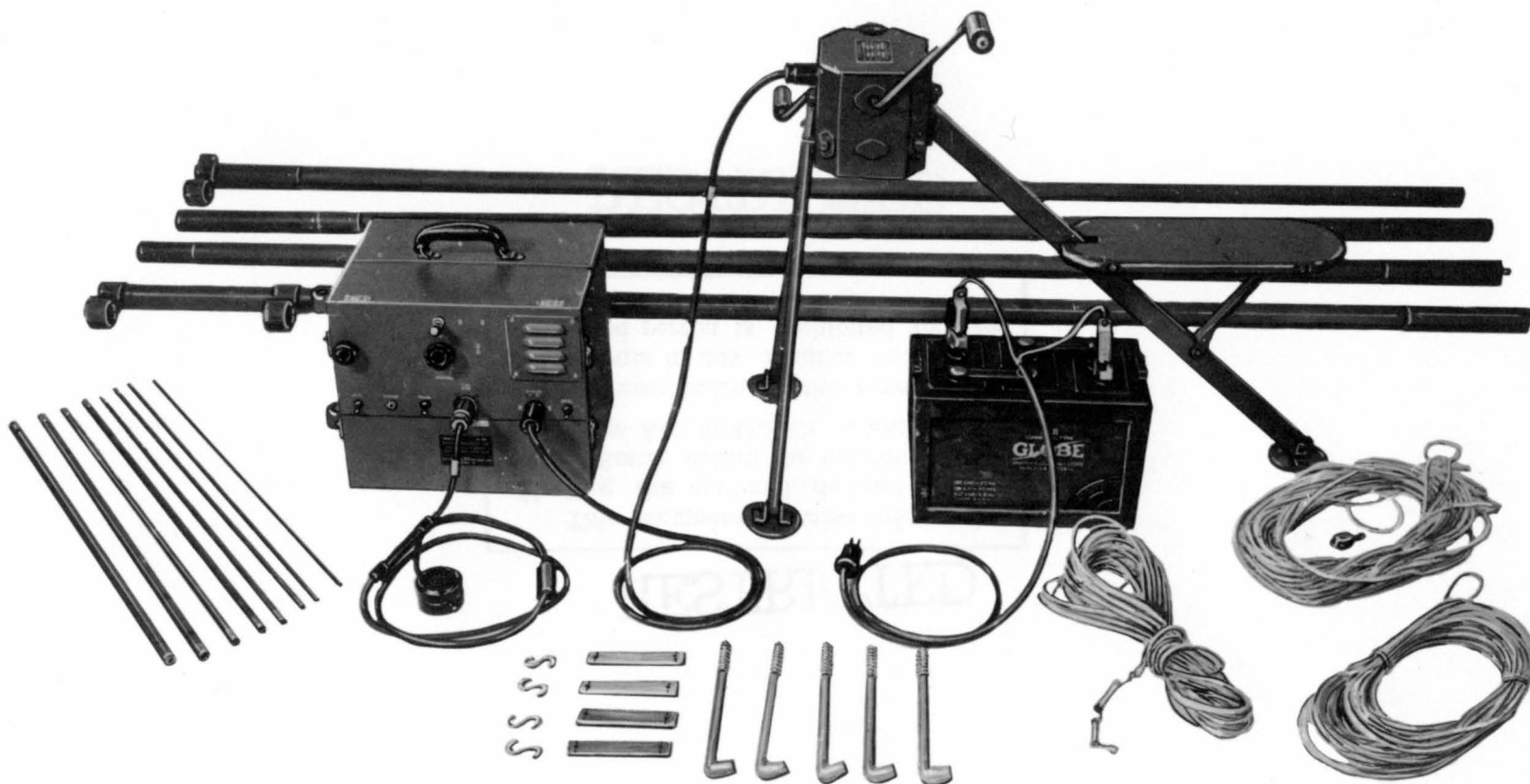


RADIO SET SCR-288  
Prepared for Operation

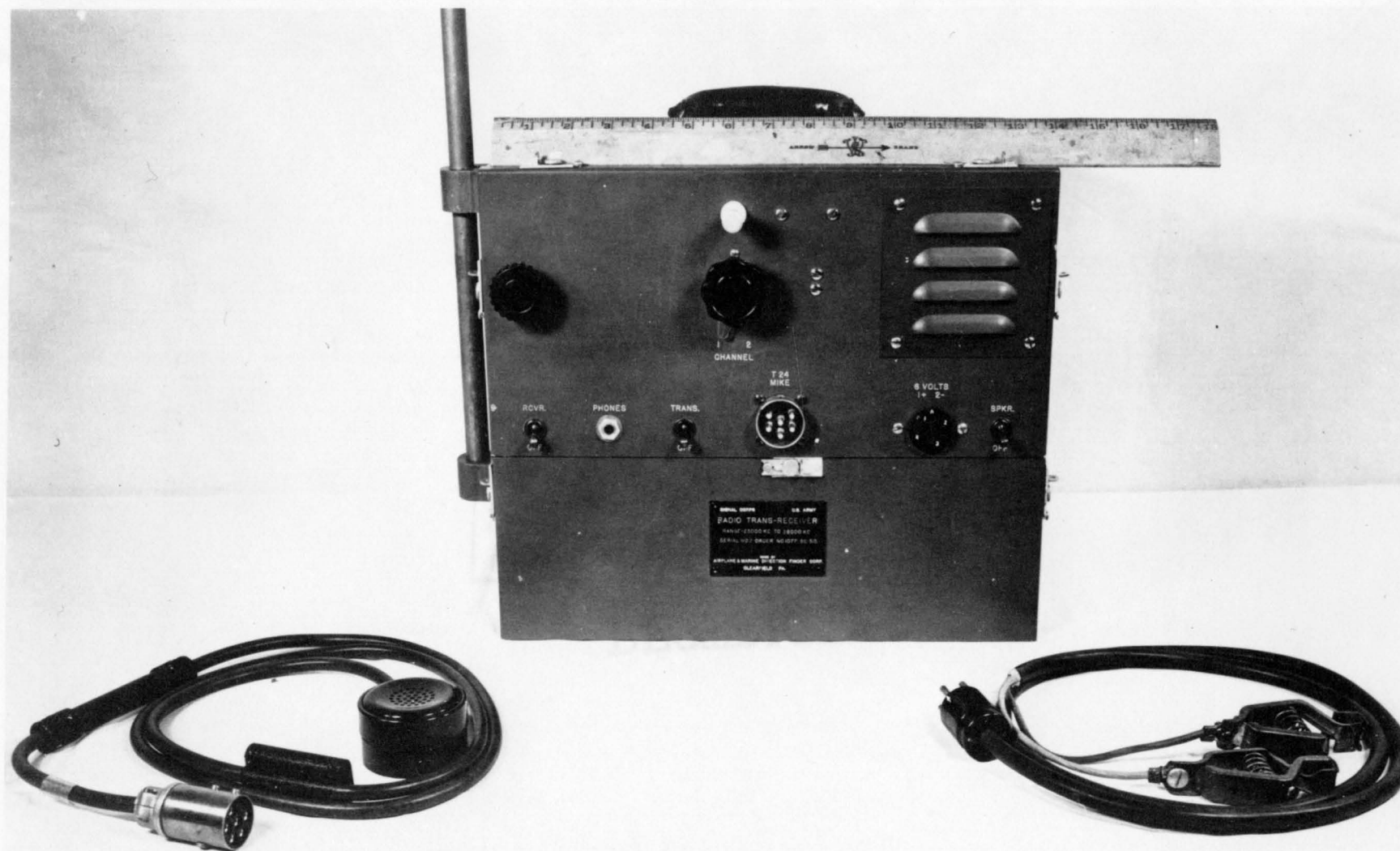




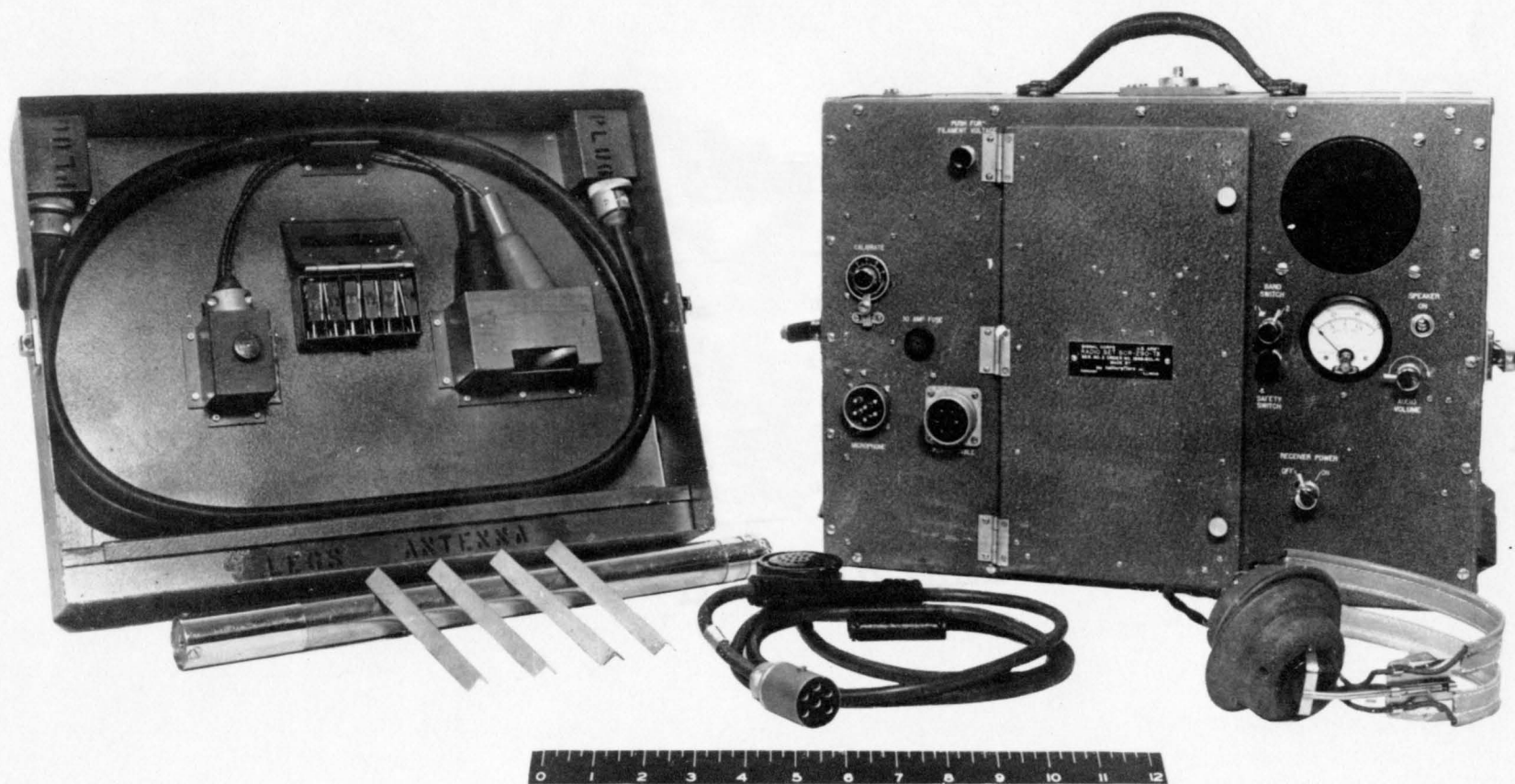
RADIO RECEIVER and TRANSMITTER BC-474-( ) . PART of RADIO SET SCR-288  
Top View of Chassis



PRINCIPAL COMPONENTS of RADIO SET SCR-290



RADIO RECEIVER and TRANSMITTER . PART of RADIO SET SCR-290  
Front View . Showing Connecting Cords



PRINCIPAL COMPONENTS of RADIO SET SCR-290-T3  
Less Power Supply

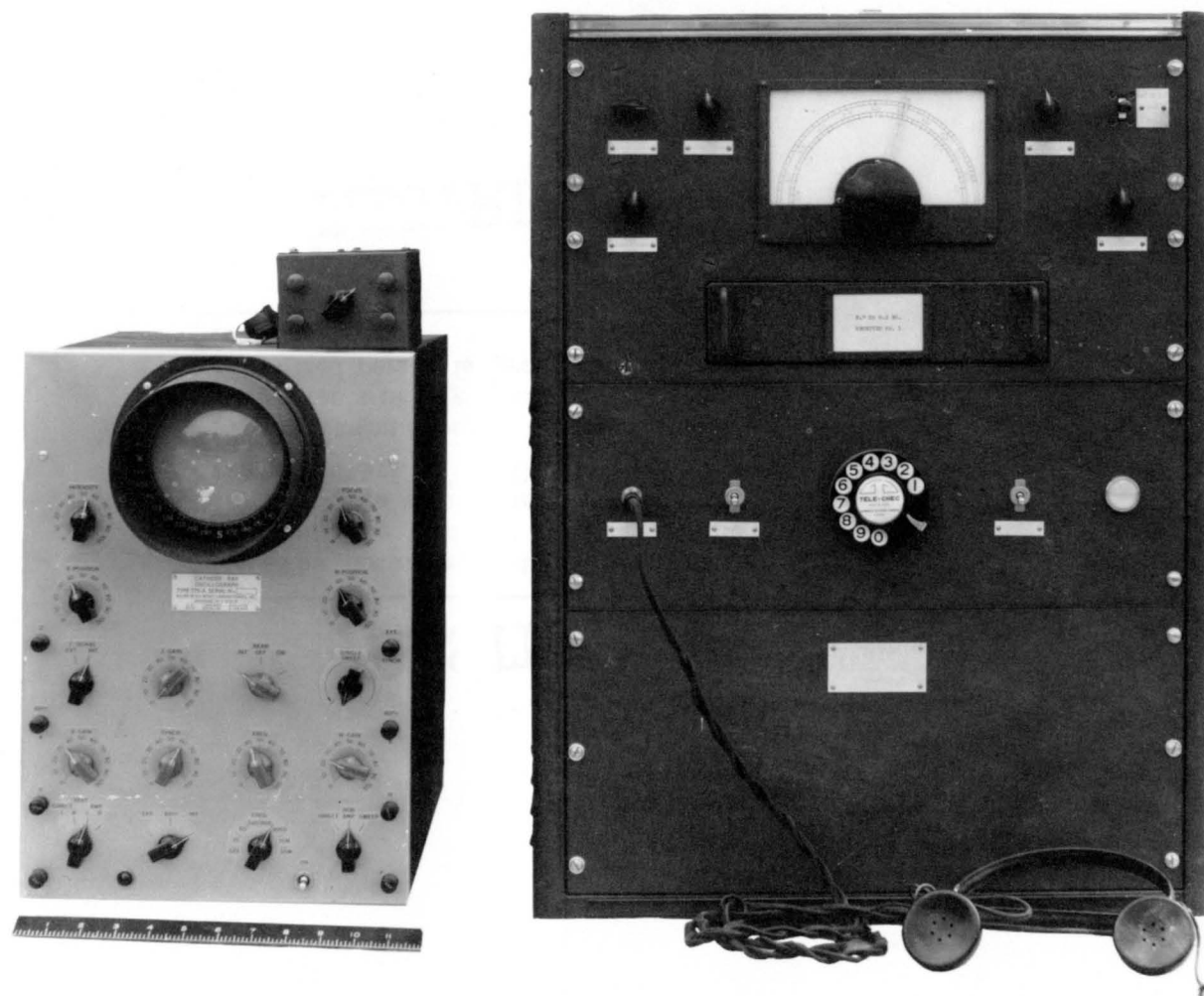




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RADIO RECEIVER . CATHODE RAY INDICATOR . PART of RADIO SET SCR-292-T1  
Front View

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VISUAL INDICATOR . RADIO RECEIVER . PART of RADIO SET SCR-292-T2



RADIO RECEIVER and TRANSMITTER BC-500- ( ) . PART of RADIO SET SCR-293  
Front View



RADIO RECEIVER and TRANSMITTER BC-500-B . PART of RADIO SET SCR-293-B  
Front View . Set in Mounting FT-239





RADIO RECEIVER BC-499-( ) . PART of RADIO SET SCR-294  
Front View



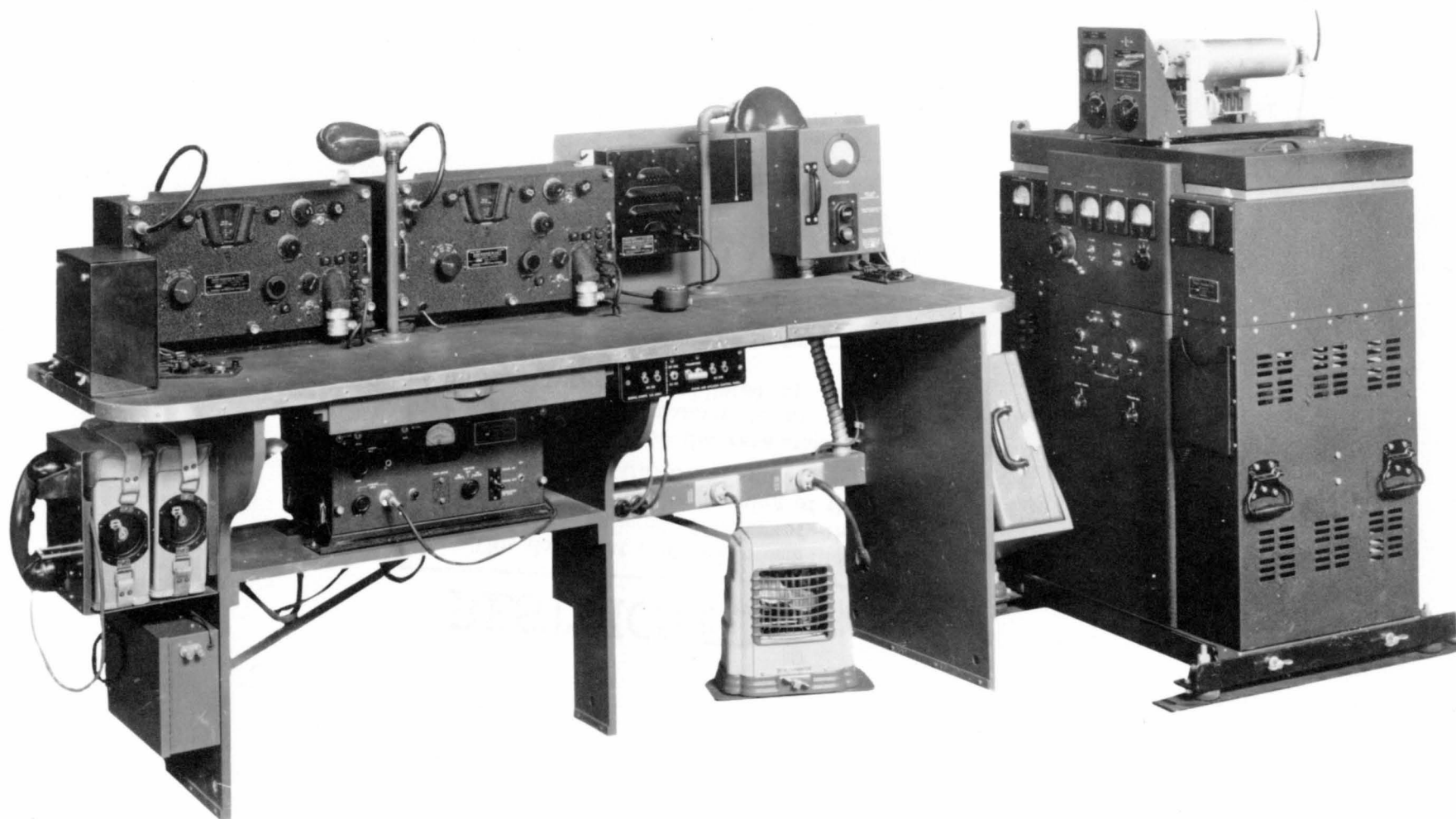
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PRINCIPAL COMPONENTS of RADIO SET SCR-295-(Crosley Model)

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RADIO SET SCR-295 (General Electric Model)  
Prepared for Operation

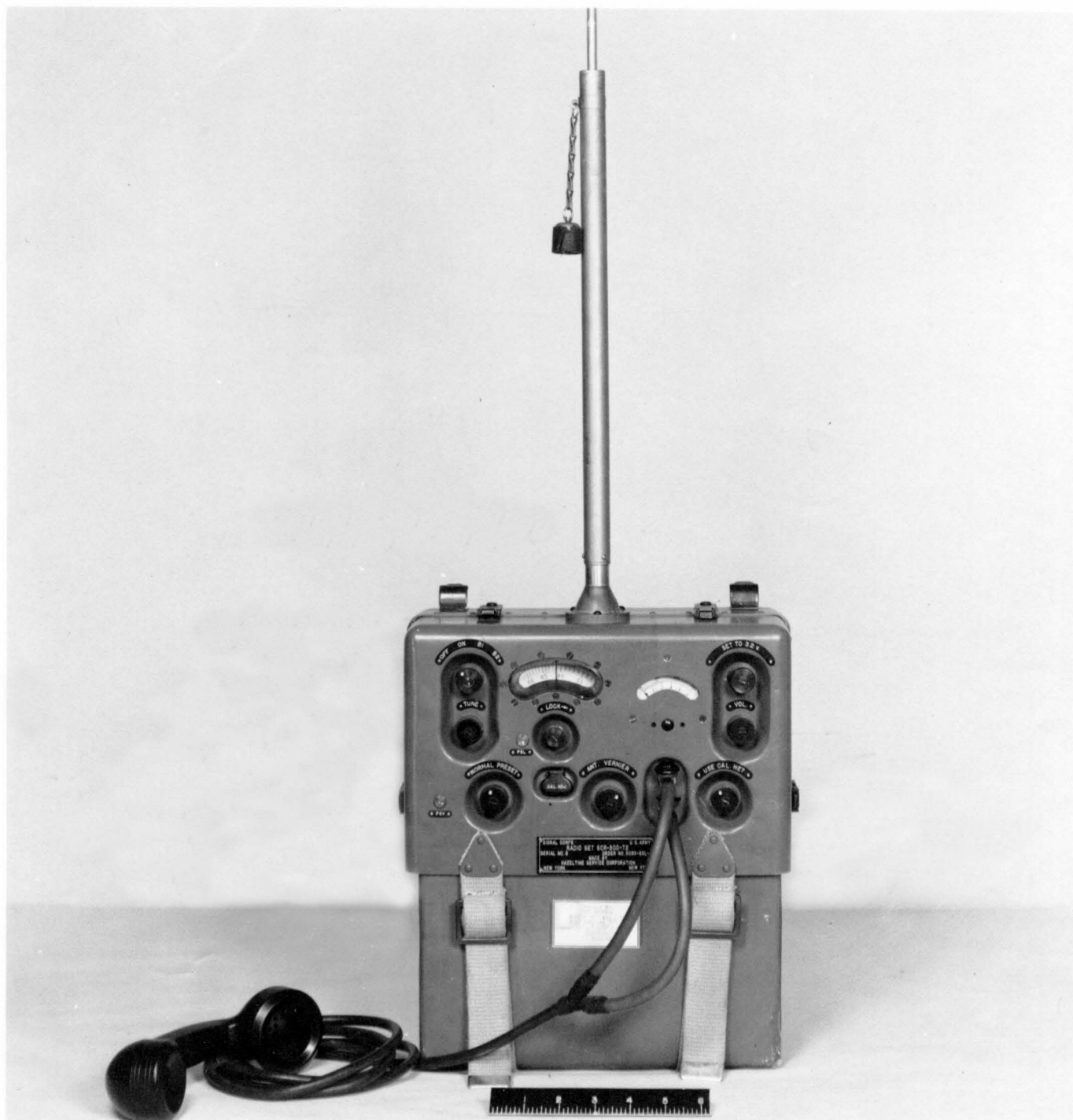


PRINCIPAL COMPONENTS of RADIO SET SCR-299-A





RADIO TRANSMITTER BC-610 . PART of RADIO SET SCR-299  
Front View



RADIO SET SCR-300-T2  
Prepared for Operation

DATE 6-30-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SCL-4583



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RADIO SET SCR-503-T1  
Prepared for Operation

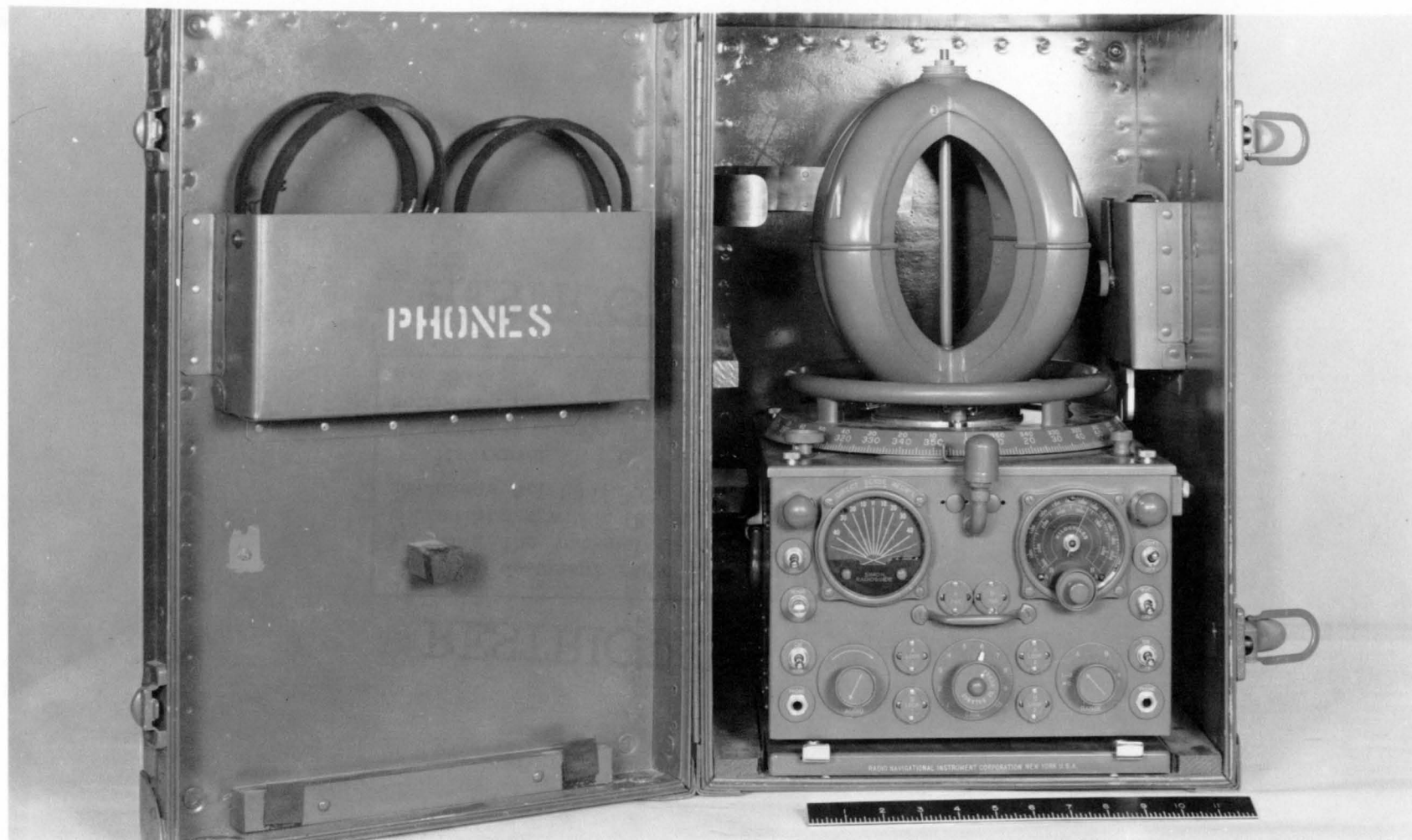
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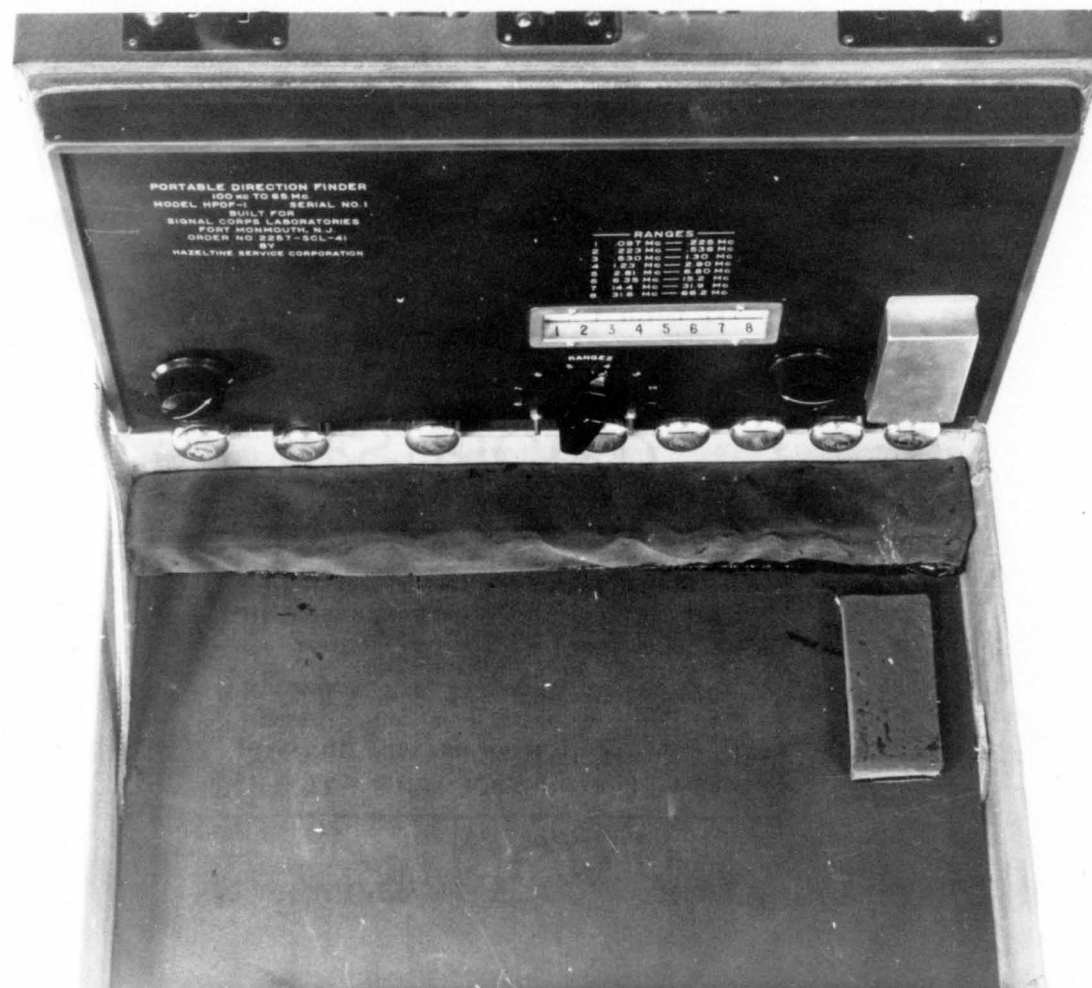
PRINCIPAL COMPONENTS of RADIO SET SCR-503-T2 (Direction Finder)

Front View

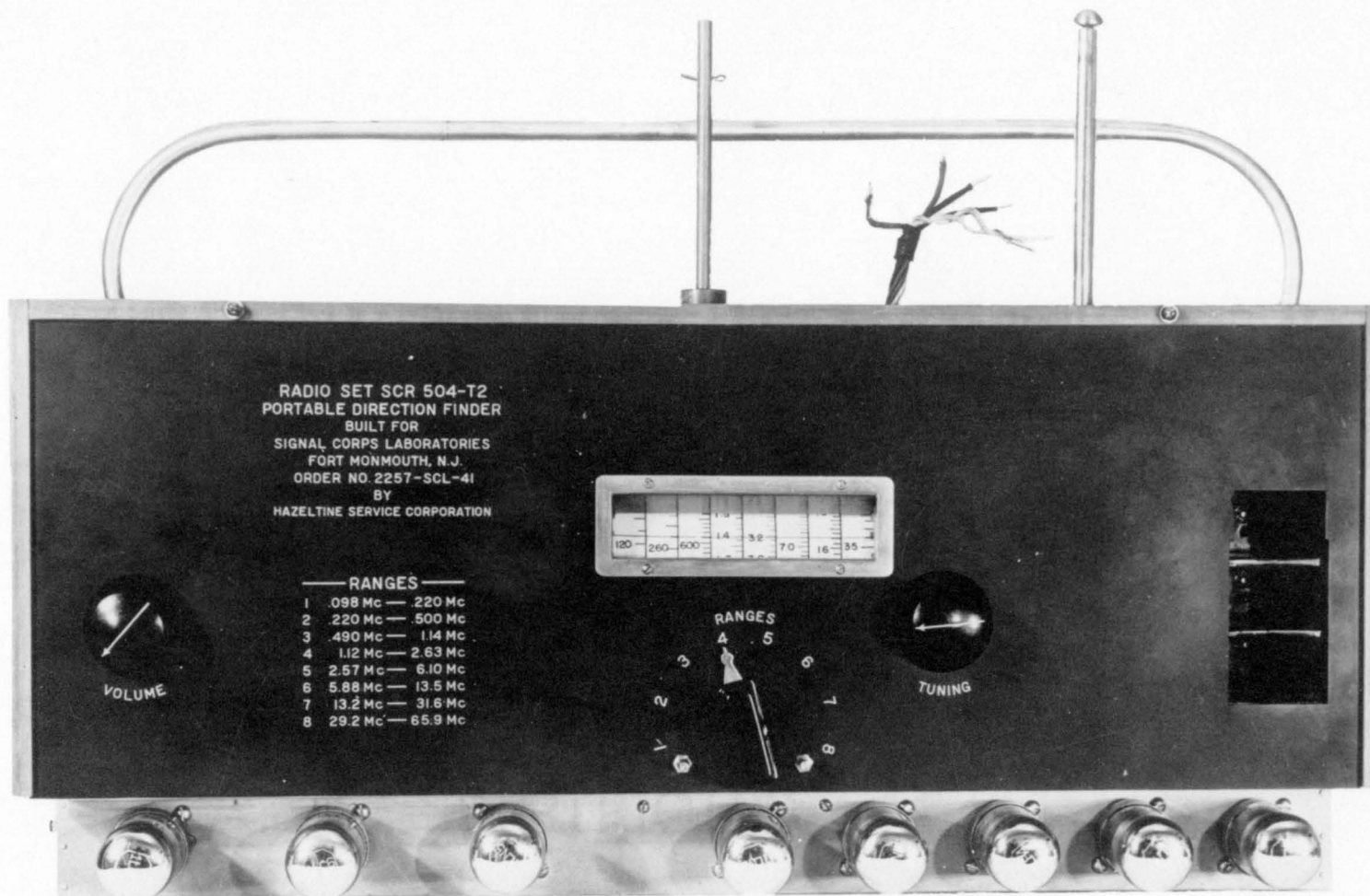


RADIO RECEIVER . PART of RADIO SET SCR-503-T2 (Direction Finder)  
In Carrying Case

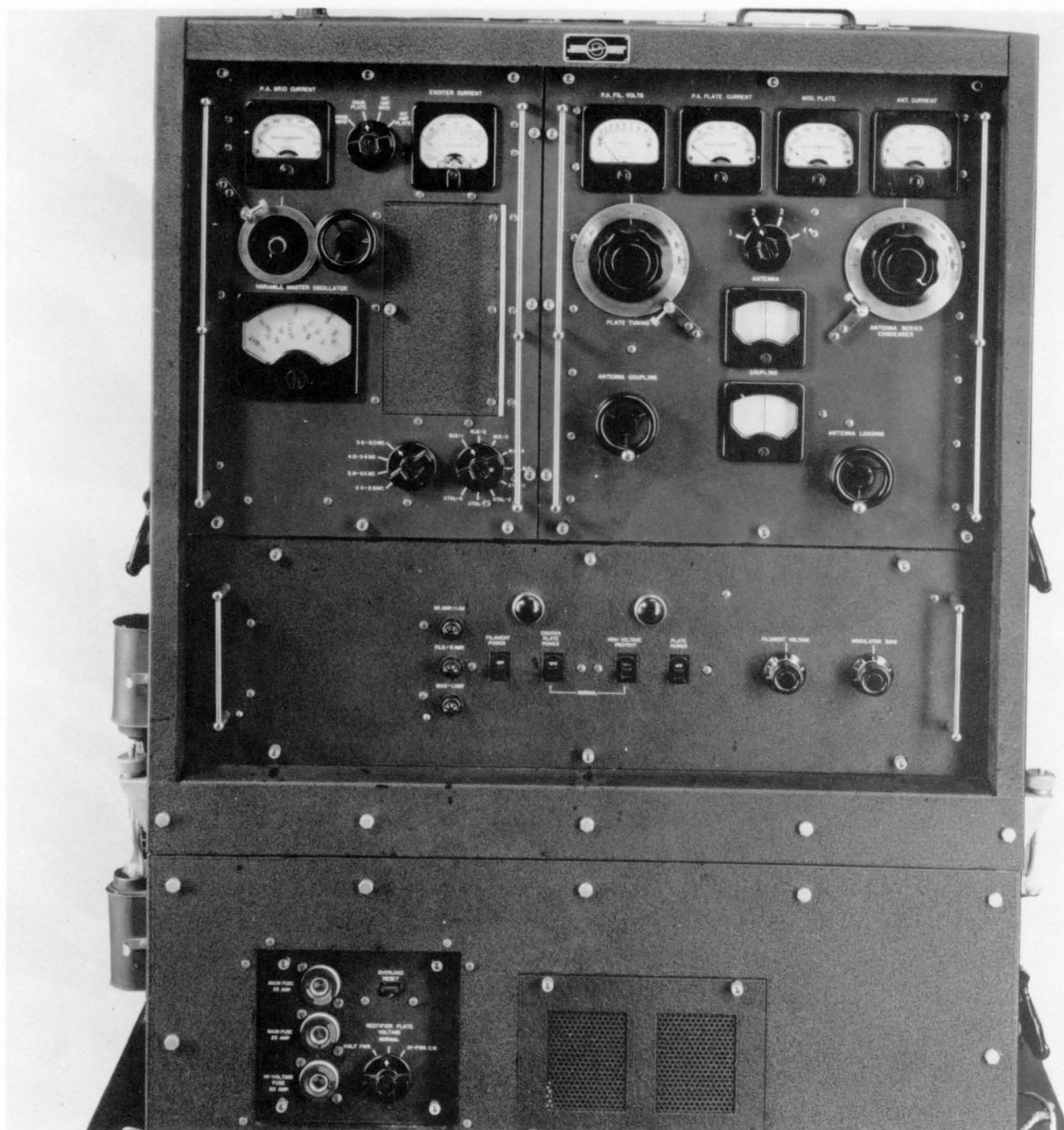




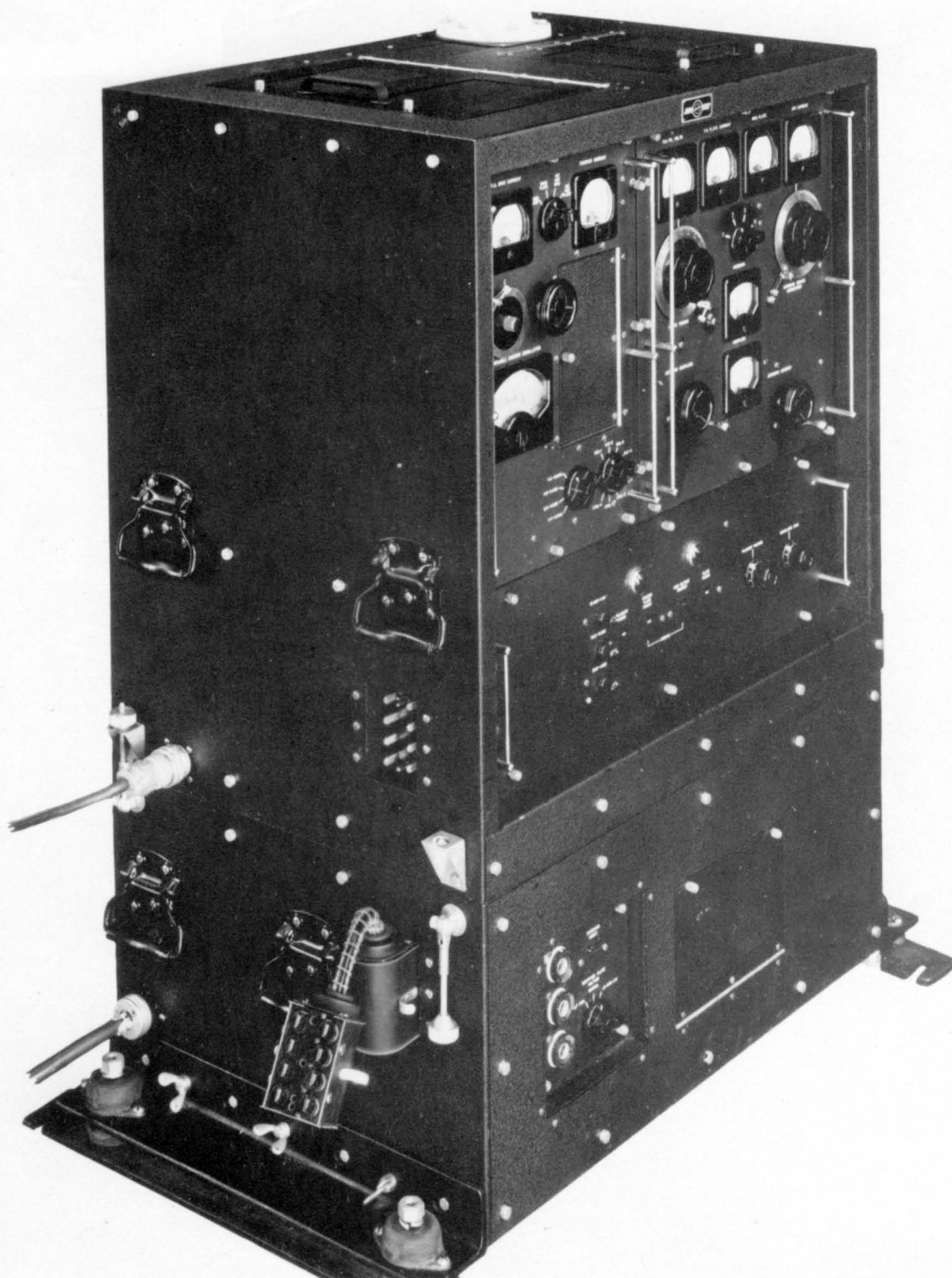
RADIO SET SCR-504-T1  
Suitcase Cover Open



RADIO SET SCR-504-T2  
Suitcase Removed . Front Panel View

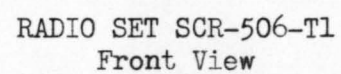


RADIO TRANSMITTER EP-100 (Proposed for Radio Set SCR-505)  
Front View

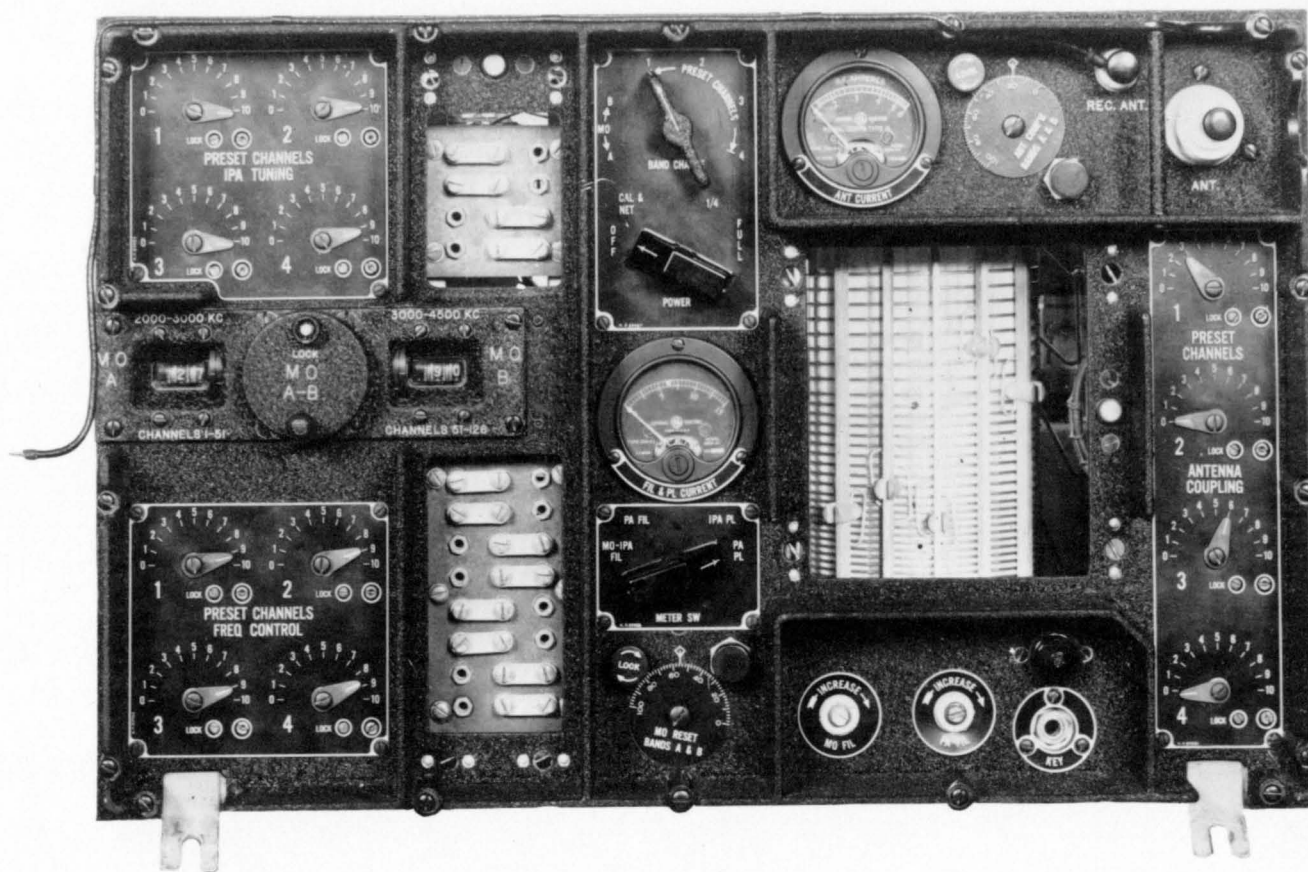


RADIO TRANSMITTER EP-100 (Proposed for Radio Set SCR-505)  
Front 3/4 View





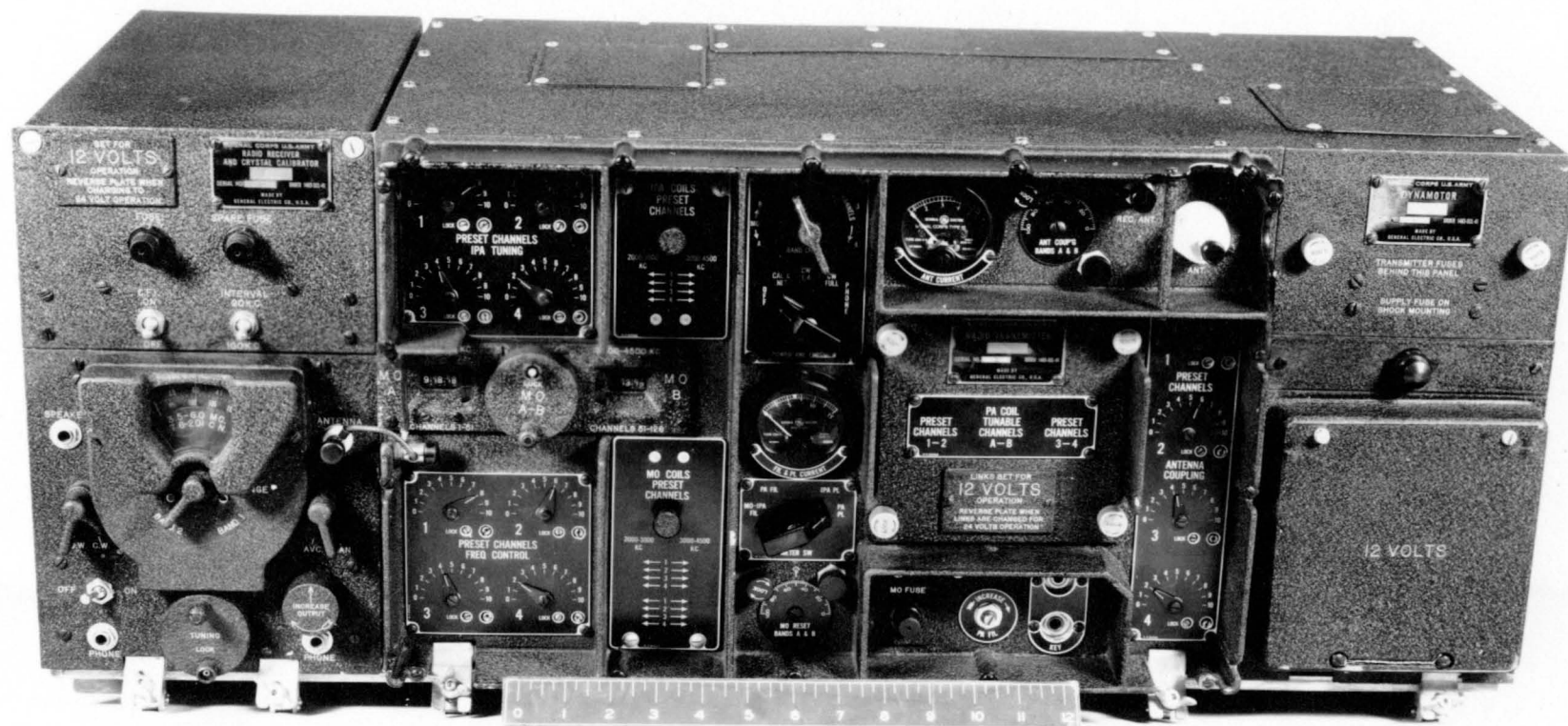




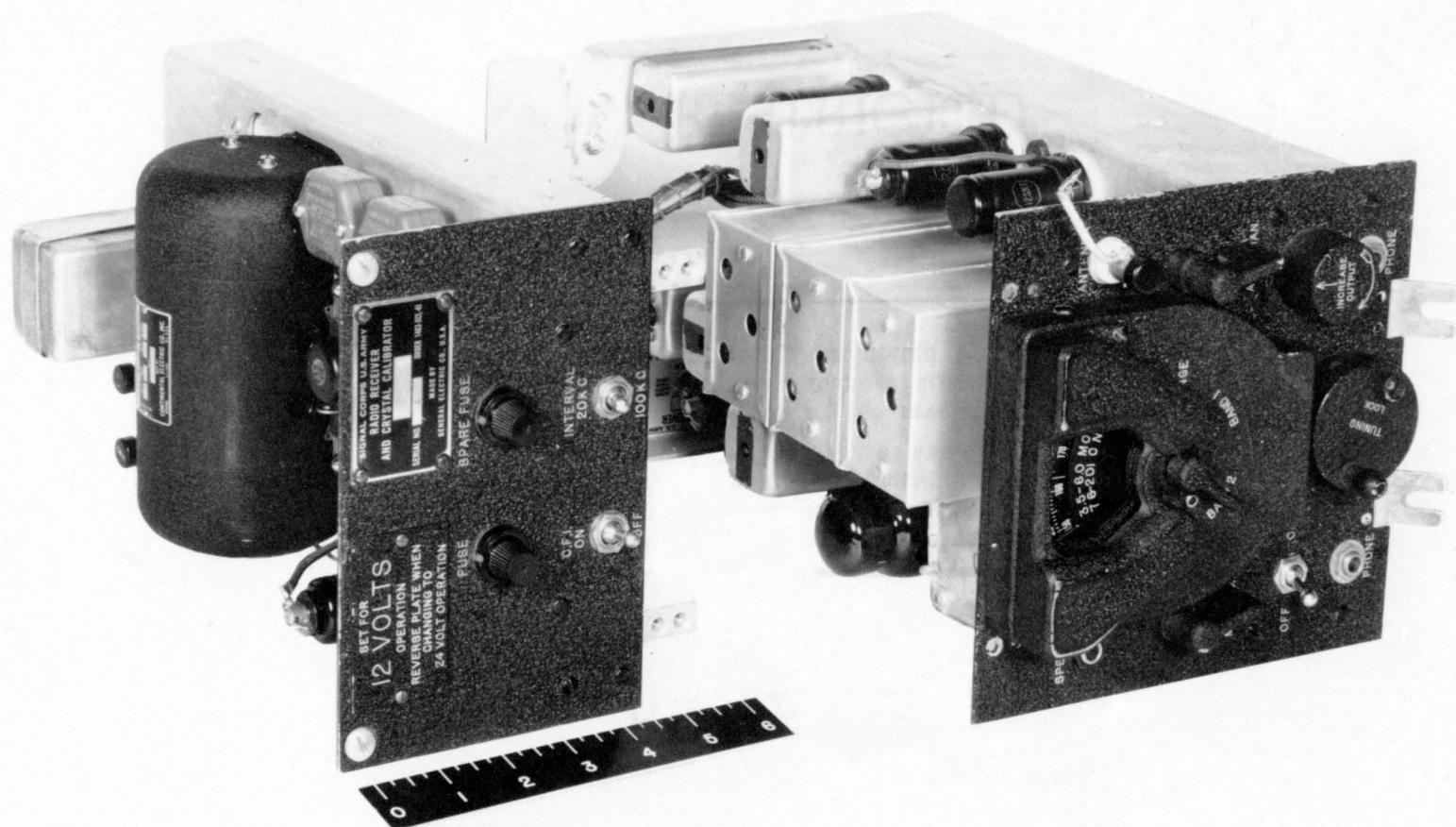
RADIO TRANSMITTER BC-653-( ) . PART of RADIO SET SCR-506-T1  
 Front View . Covers Removed



PRINCIPAL COMPONENTS of RADIO SET SCR-506-T2 . INSTALLED in HALF TRACK M2  
Showing Position Against Curbside Wall Behind Passenger Seat

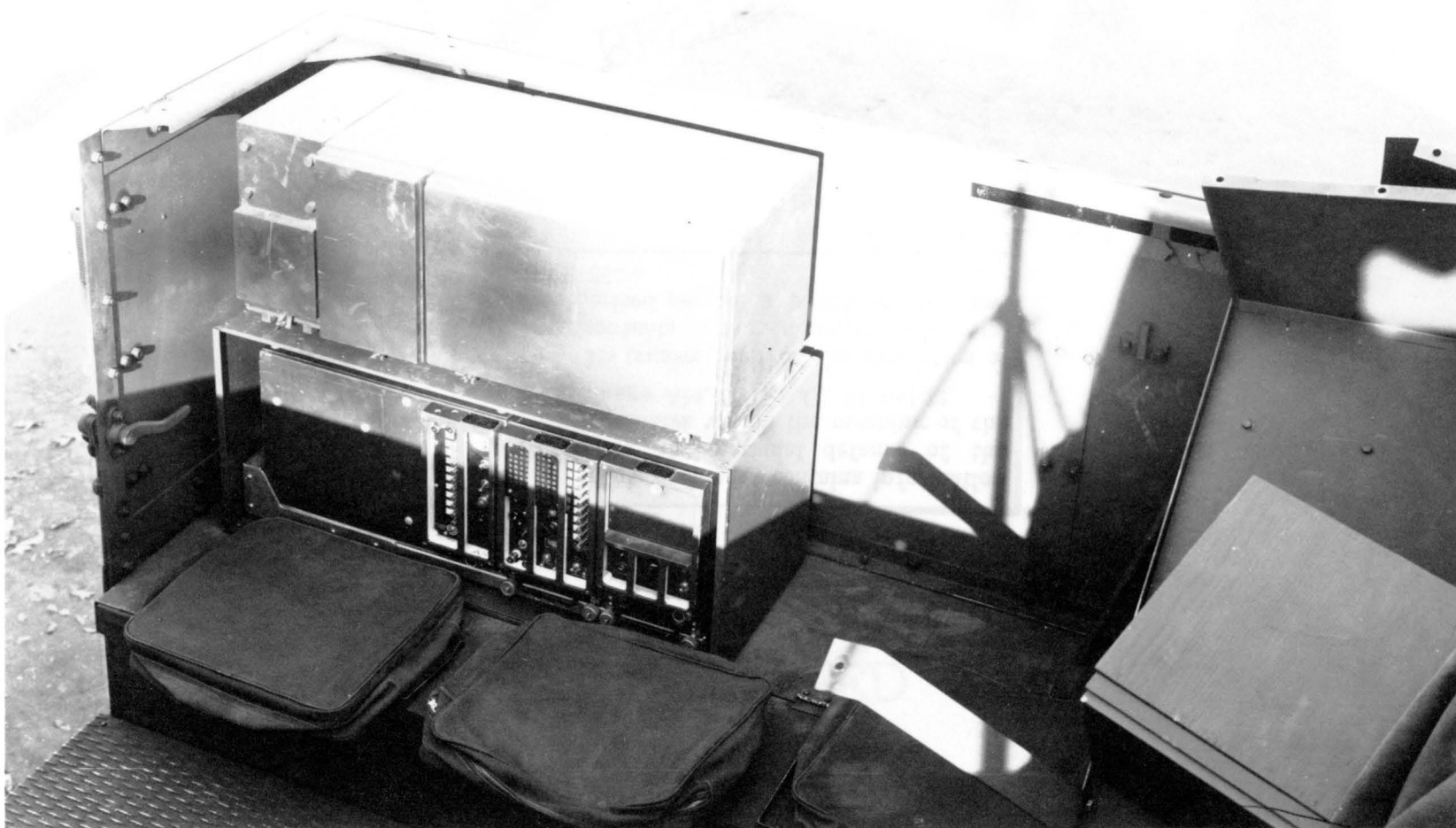


RADIO SET SCR-506-T2  
Front and Top View



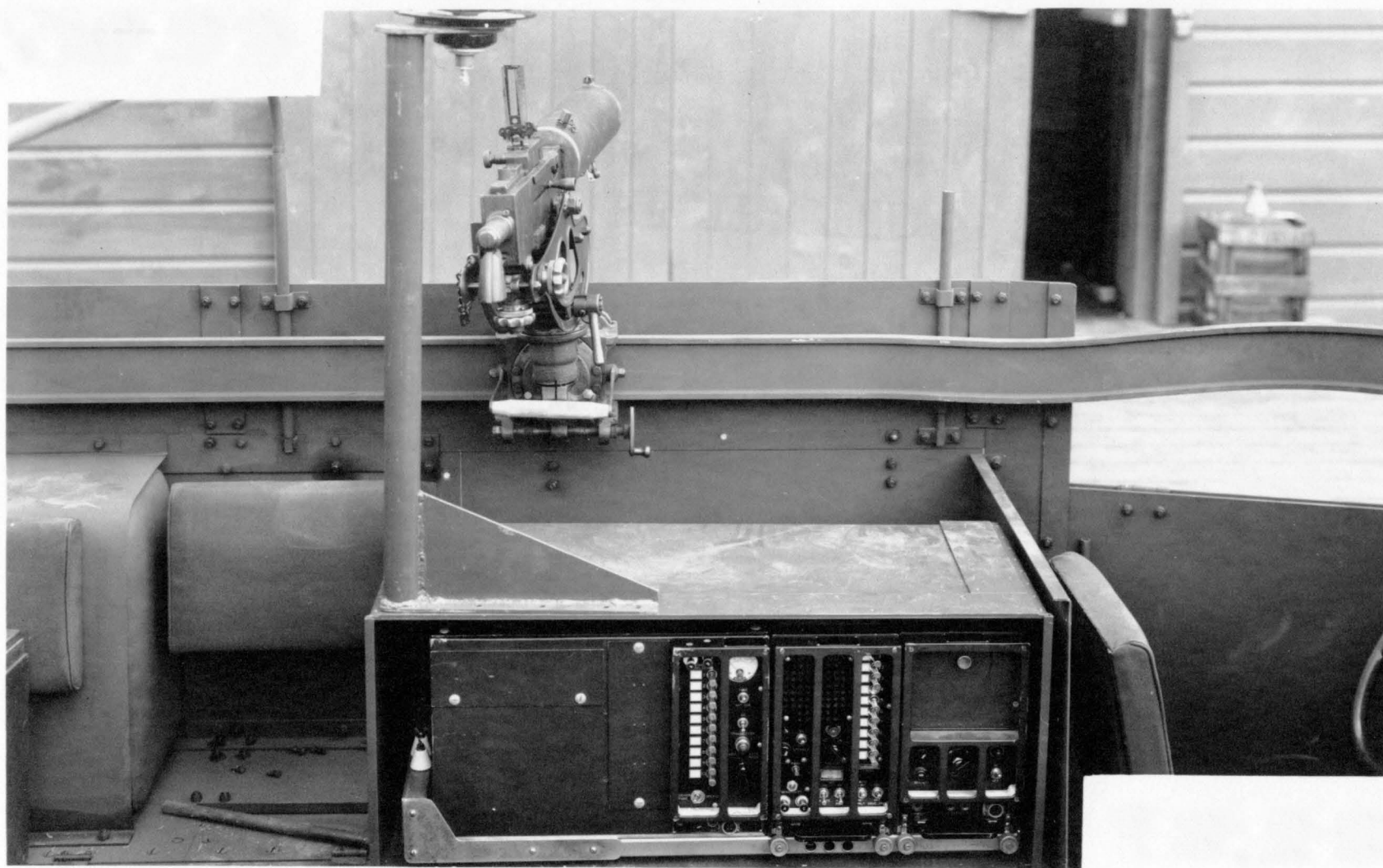
RADIO RECEIVER BC-652 . CRYSTAL FREQUENCY CALIBRATOR DC-15 . PART of RADIO SET SCR-506-T2  
Front View



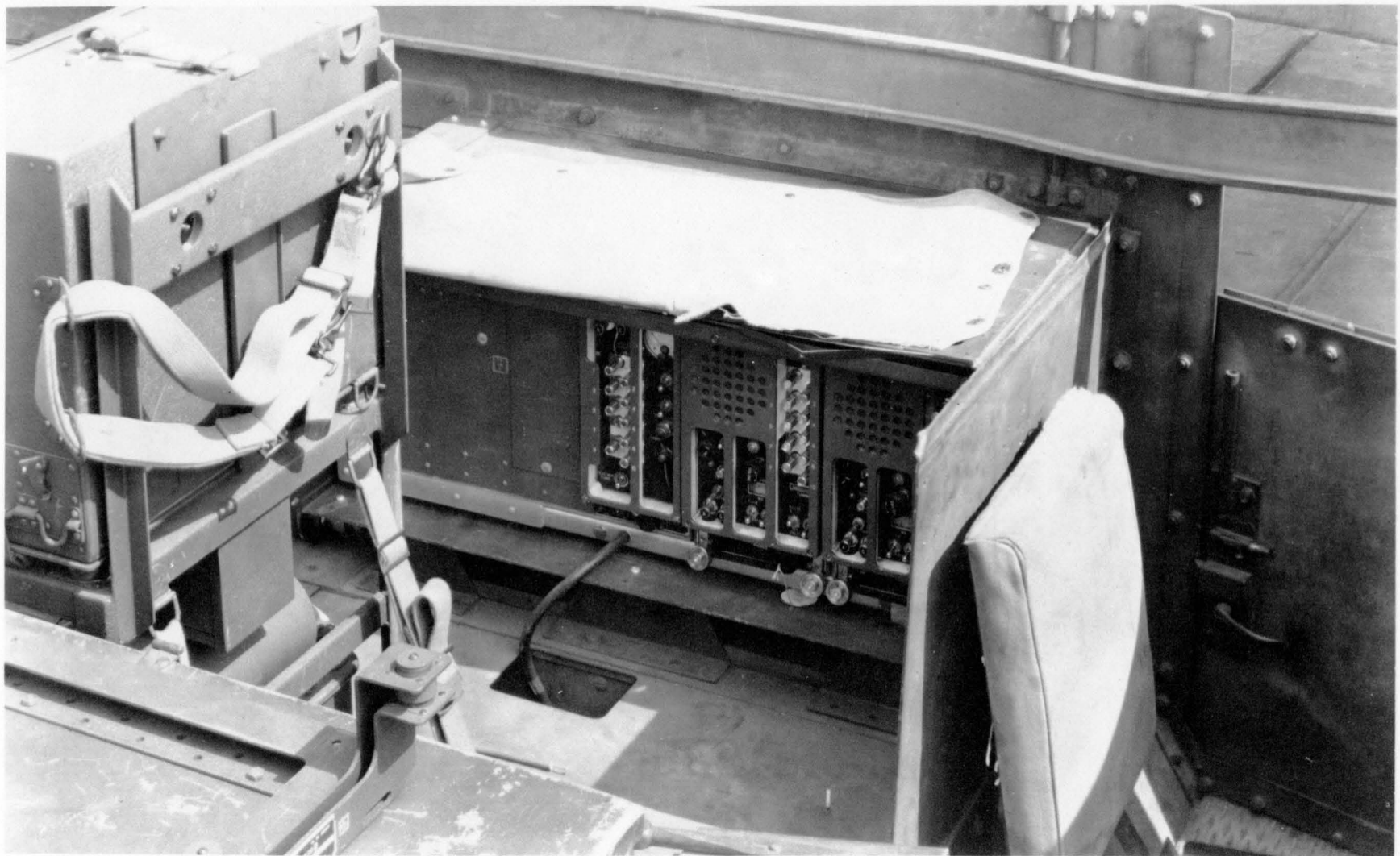


RADIO SET SCR-508 and MOCKUP of RADIO SET SCR-506 (Development Model)  
Installed in Half Track M3

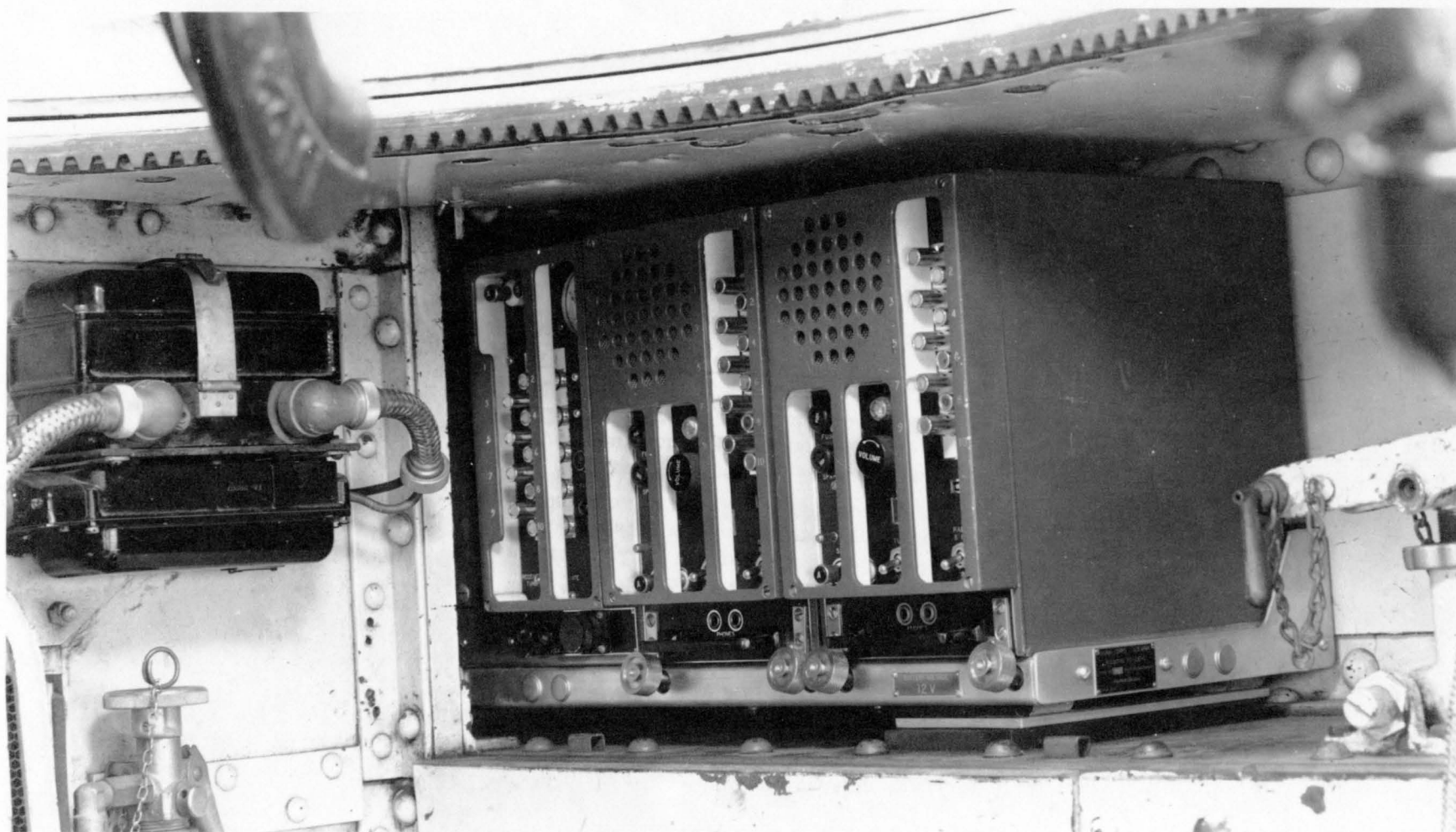




PRINCIPAL COMPONENTS of RADIO SET SCR-508-( ) (Development Model)  
Installed Away from Roadside Wall of Half Track M2

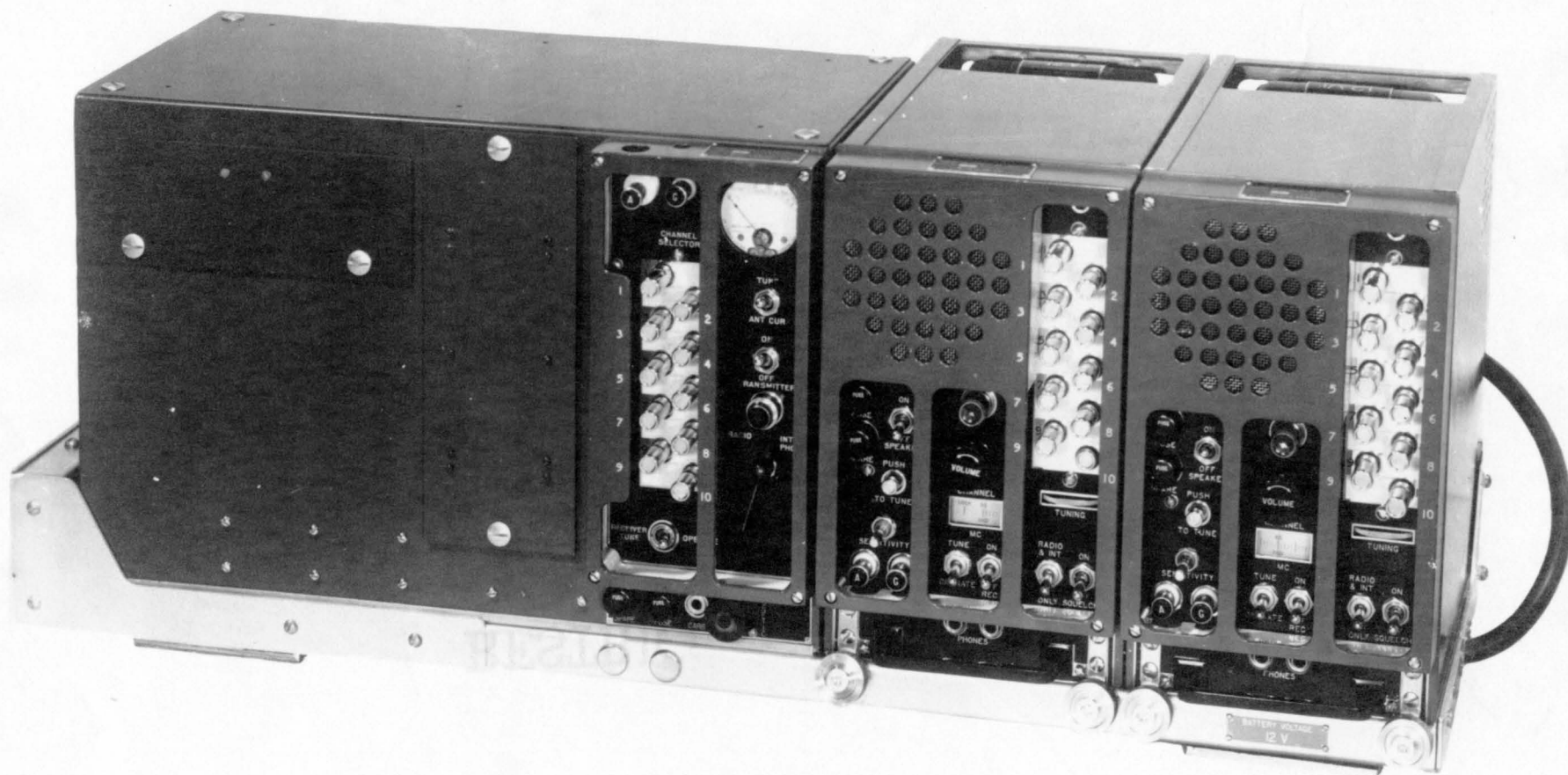


PRINCIPAL COMPONENTS of RADIO SET SCR-508-( ), SCR-284-( ) . MOUNTING FT-250  
Installed in Forward Section of Half Track M2



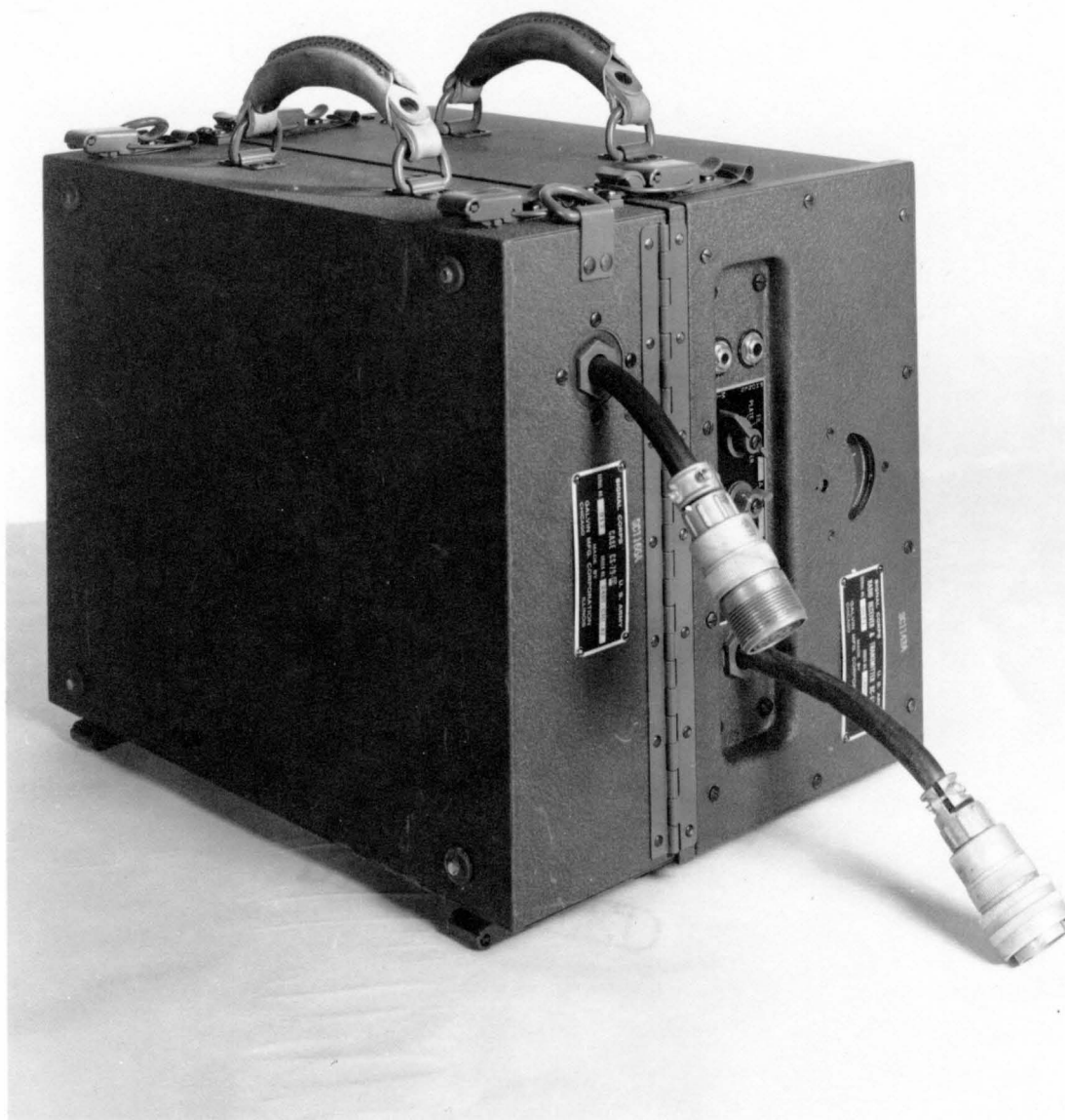
PRINCIPAL COMPONENTS of RADIO SET SCR-508-( )  
Installed on Floor of Left Sponson in Light Tank M2A4





RADIO RECEIVER BC-603-A . TRANSMITTER BC-604-A . MOUNTING FT-237-A

Part of Radio Set SCR-508-A



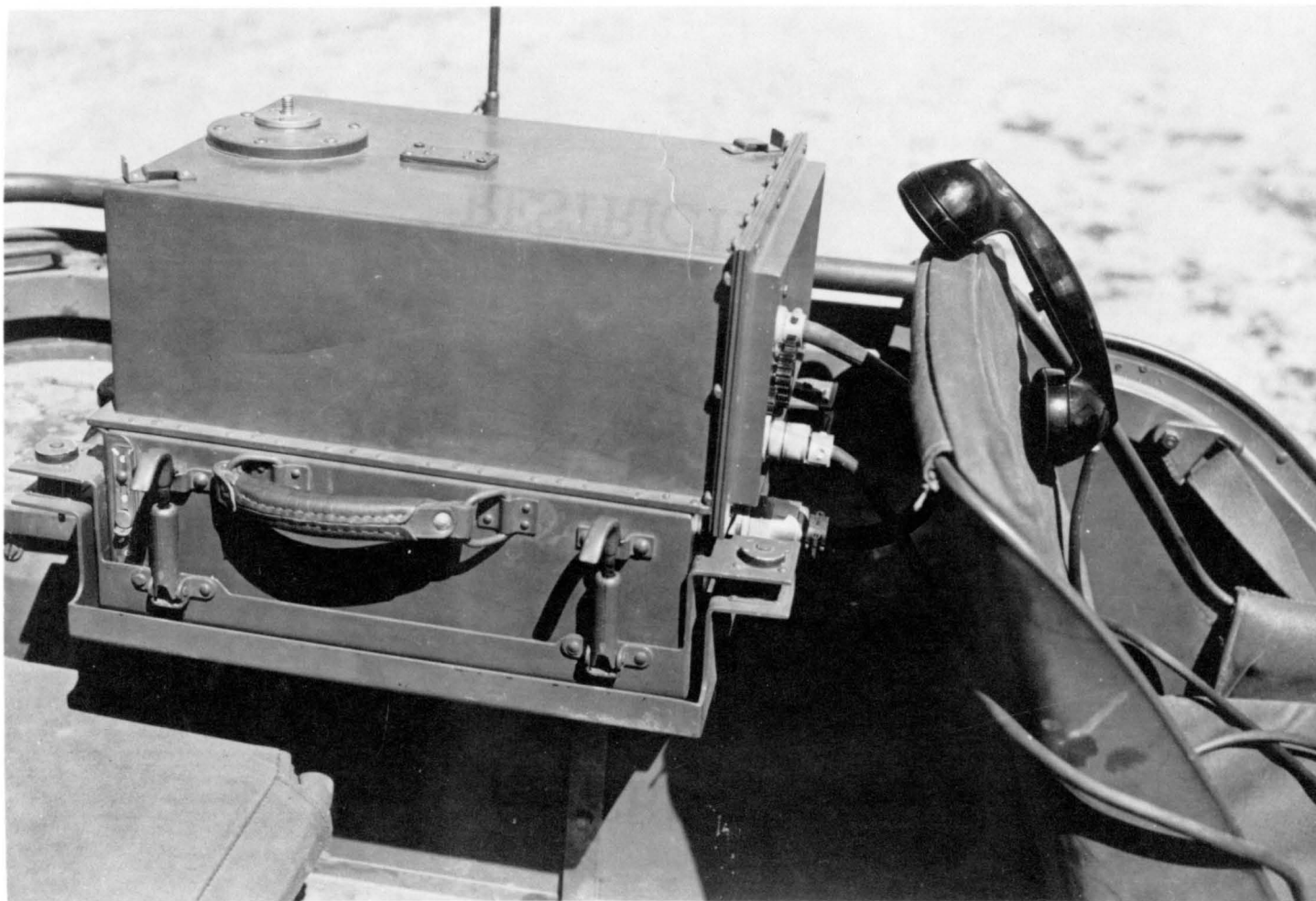
PRINCIPAL COMPONENTS of RADIO SET SCR-509- ( )  
Packed for Transportation







RADIO RECEIVER and TRANSMITTER BC-620-( ) . PLATE SUPPLY UNIT PE-97-( ) . MOUNTING FT-250-( )  
Part of Radio Set SCR-510-( )



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RADIO SET SCR-510-T1 . INSTALLED in FORD MODEL GP

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PRINCIPAL COMPONENTS of RADIO SET SCR-510-T1 MODEL AF-IV-A  
Assembled for Operation

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DATE 4-16-41 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL737

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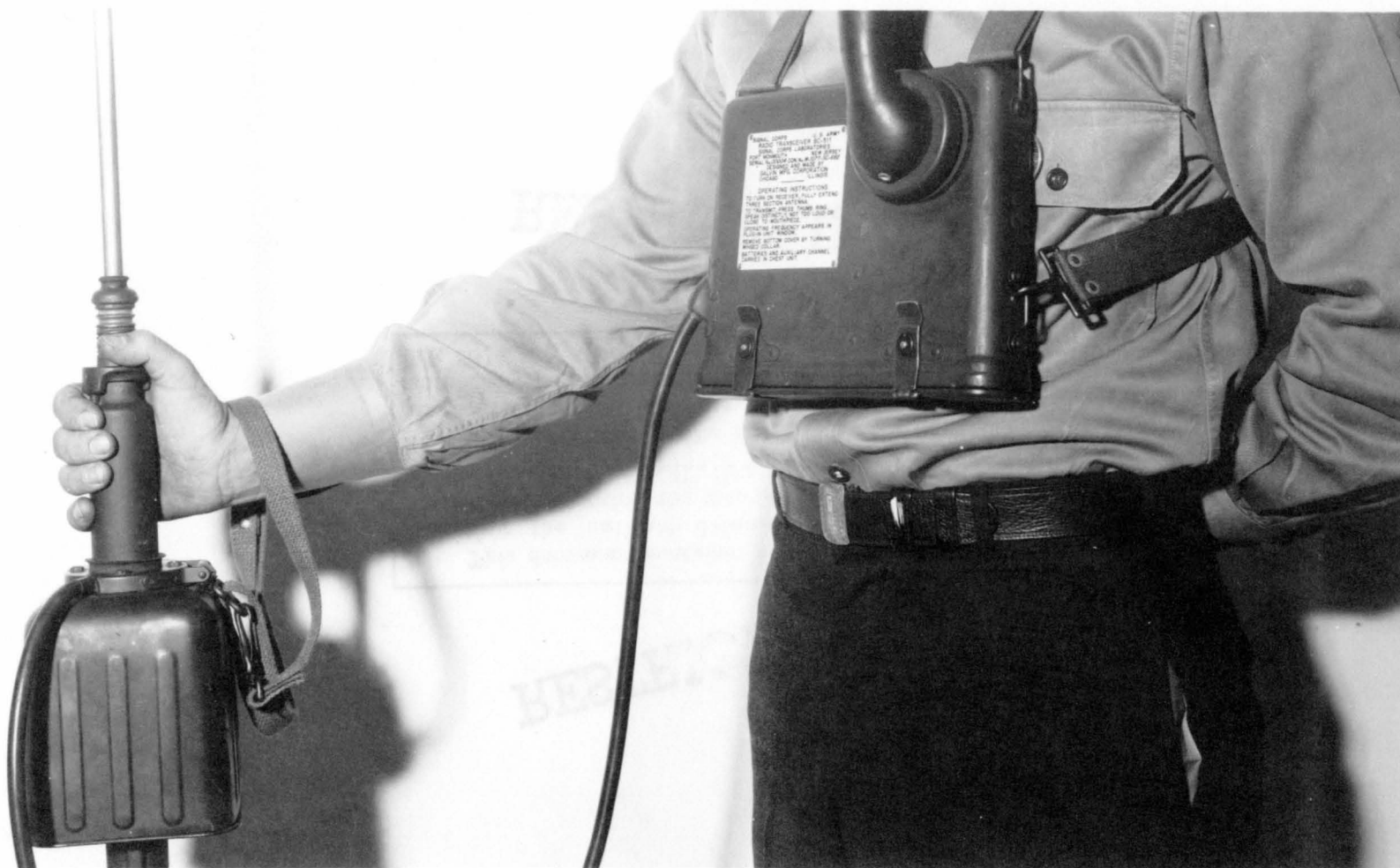


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RADIO SET SCR-510 (AF-IV-A)  
Mounted on Motorcycle . With Antenna for Mobile Operation

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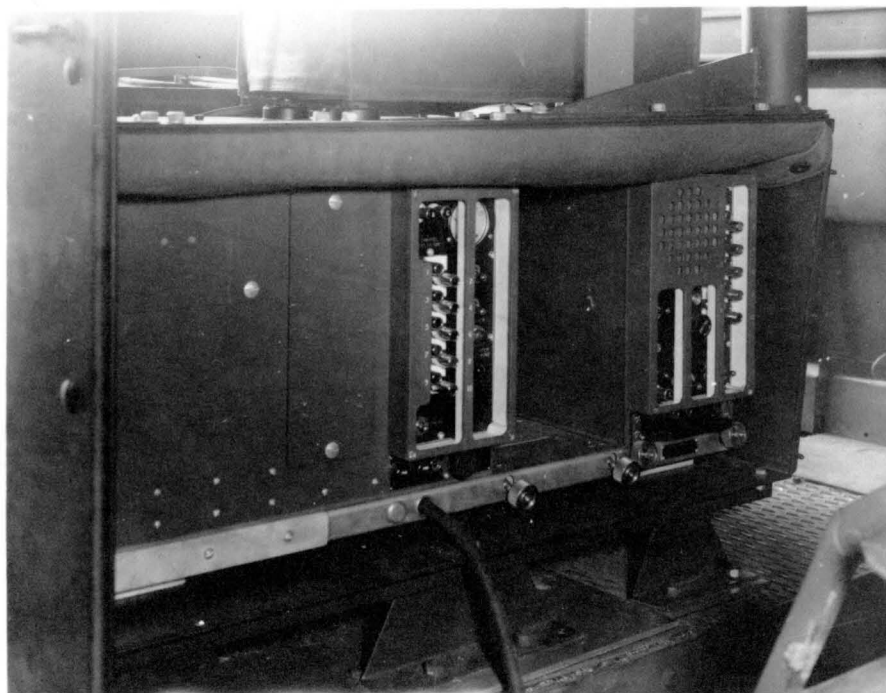
RADIO SET SCR-511-( )  
Prepared for Operation



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RADIO RECEIVER and TRANSMITTER BC-745-( ) . PART of RADIO SET SCR-511-( )  
Front View

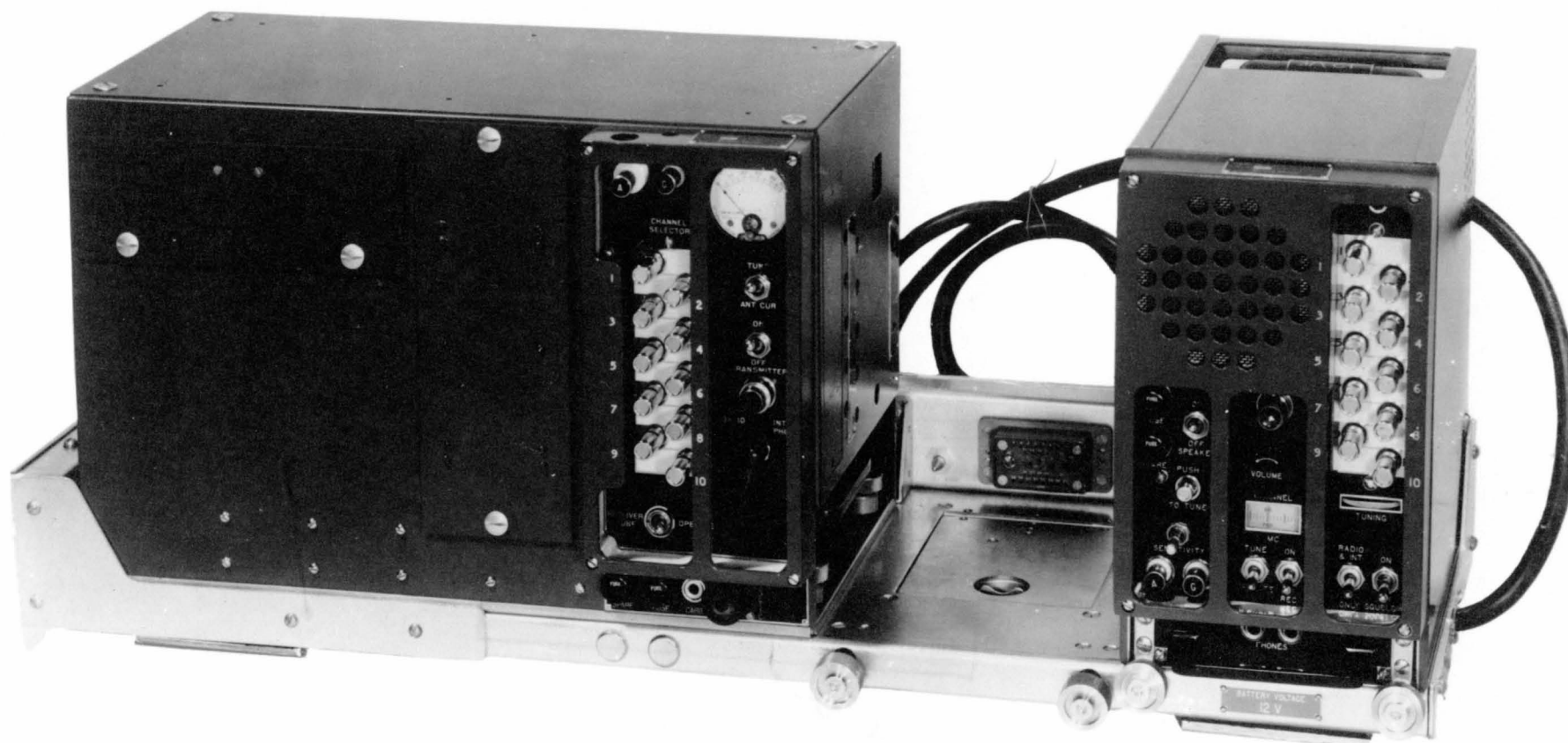
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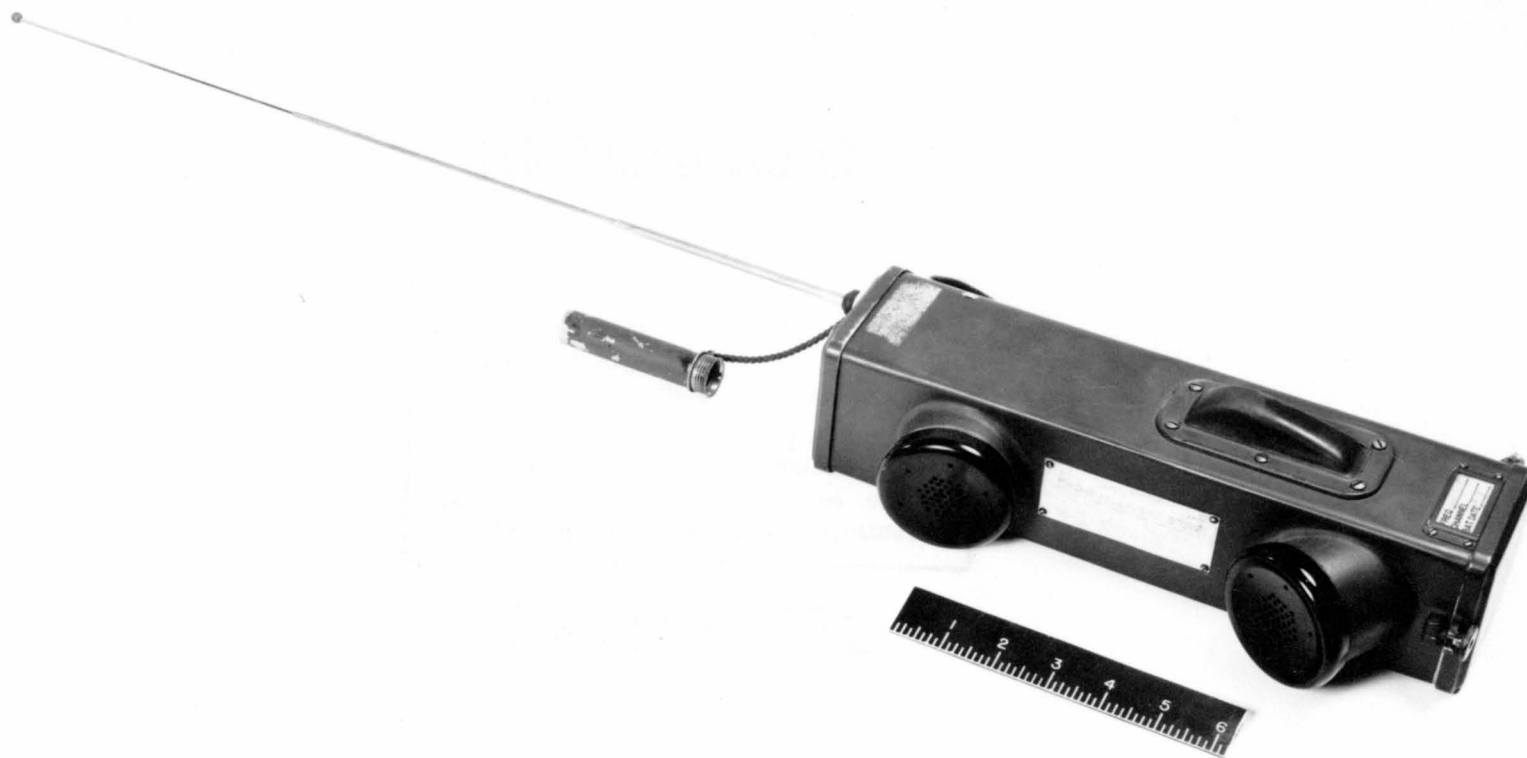
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PRINCIPAL COMPONENTS of RADIO SET SCR-528-A  
Installed in Right Front Corner of Half Track M2 . Front View

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RADIO RECEIVER BC-603-A . RADIO TRANSMITTER BC-604-A . MOUNTING FT-237-A  
Part of Radio Set SCR-528-A



RADIO SET SCR-536-(Motorola)  
Antenna Extended





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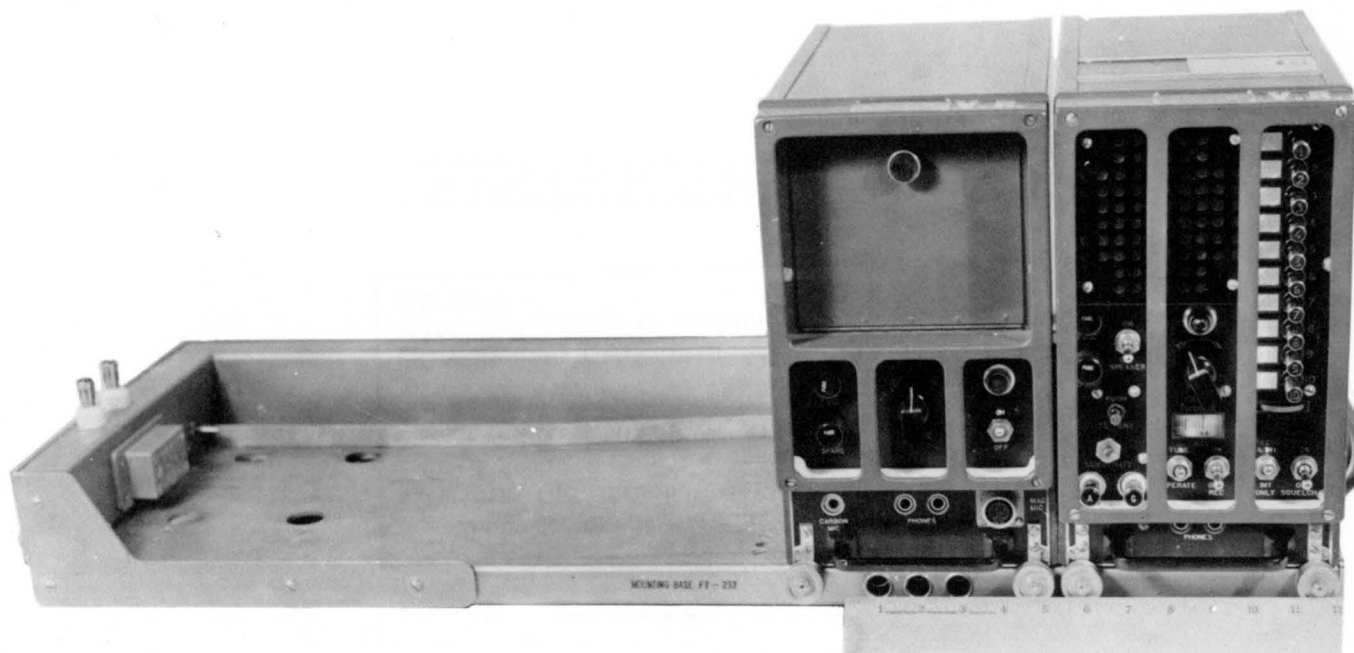
RADIO RECEIVER and TRANSMITTER BC-611 . PART of RADIO SET SCR-536

Side View . Showing Control Switch

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DATE 11-28-41 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL 950

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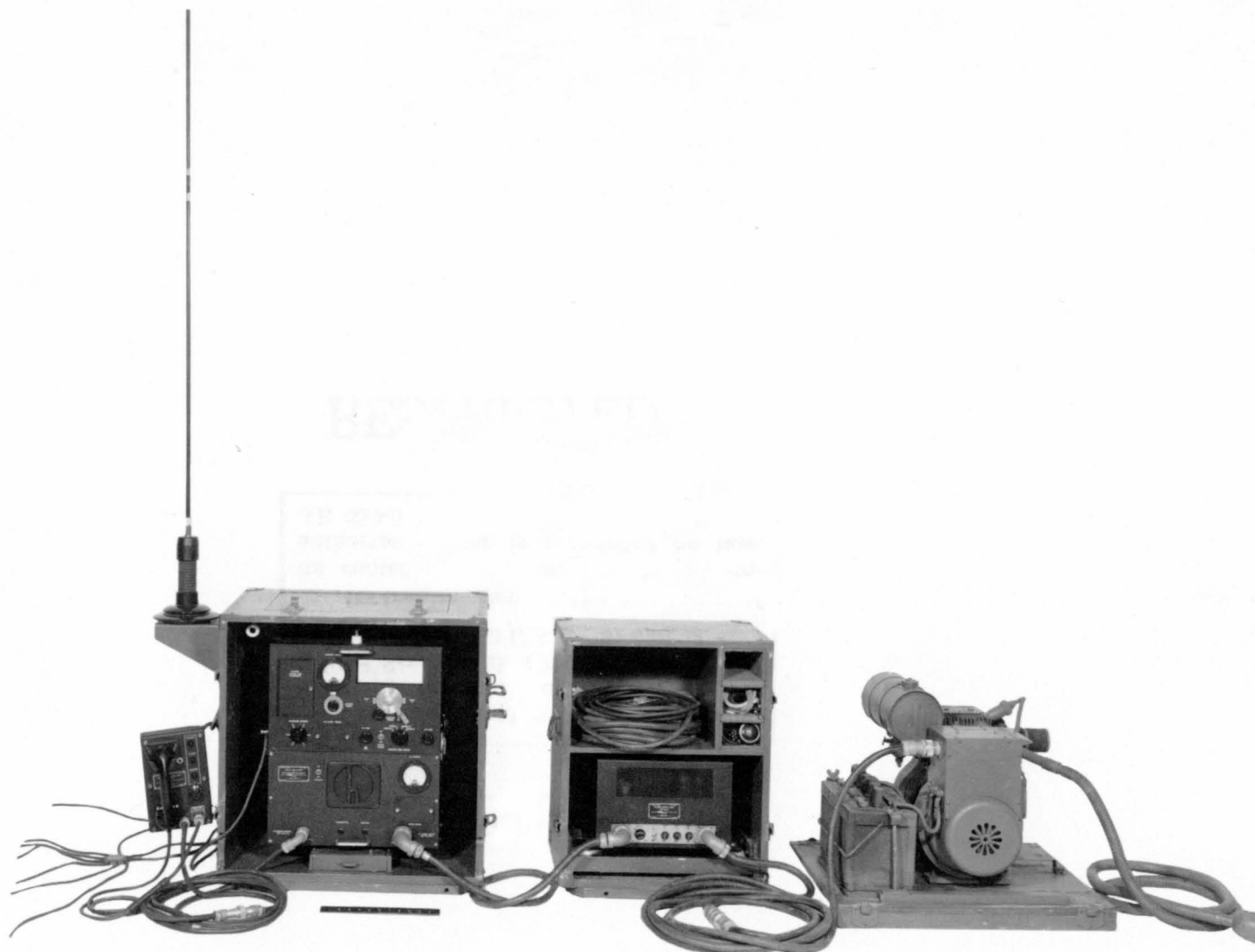


PRINCIPAL COMPONENTS of RADIO SET SCR-538-( )  
12 and 24 Volt Model AF-III-B



RADIO RECEIVER BC-603-A . AMPLIFIER BC-605-A . MOUNTING FT-237-A  
Part of Radio Set SCR-538-A

DATE 1-27-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SCL-2755



RADIO SET SCR-543-A  
Front View . Set Up for Field Operation

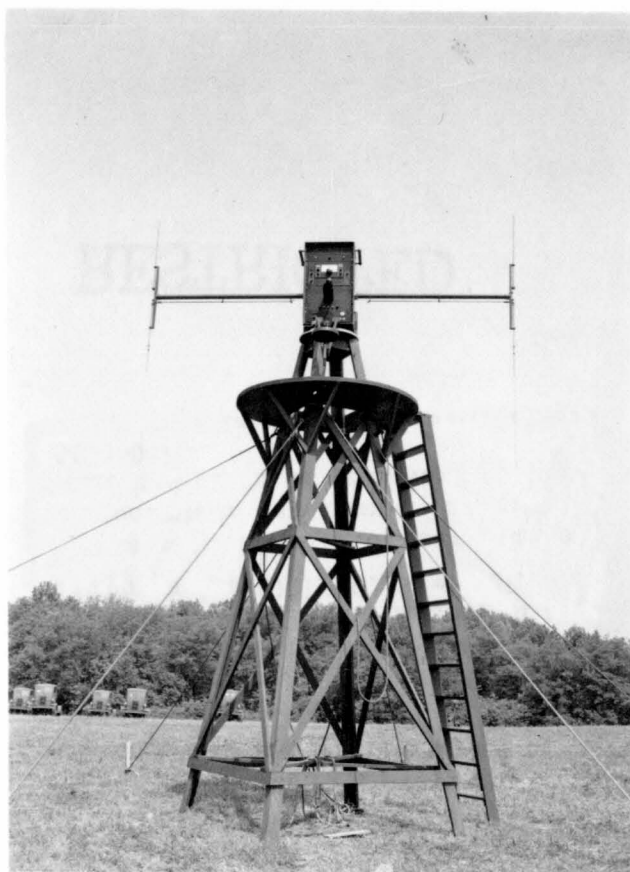


PRINCIPAL COMPONENTS of RADIO SET SCR-543- ( ) (Service Test Model)





RADIO RECEIVER and TRANSMITTER BC-669-( ) (Service Test Model) . PART of RADIO SET SCR-543-( )  
Front 3/4 View . Showing Accessories



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PRINCIPAL COMPONENTS of RADIO SET SCR-551-T1  
Side View . Set Up for Operation

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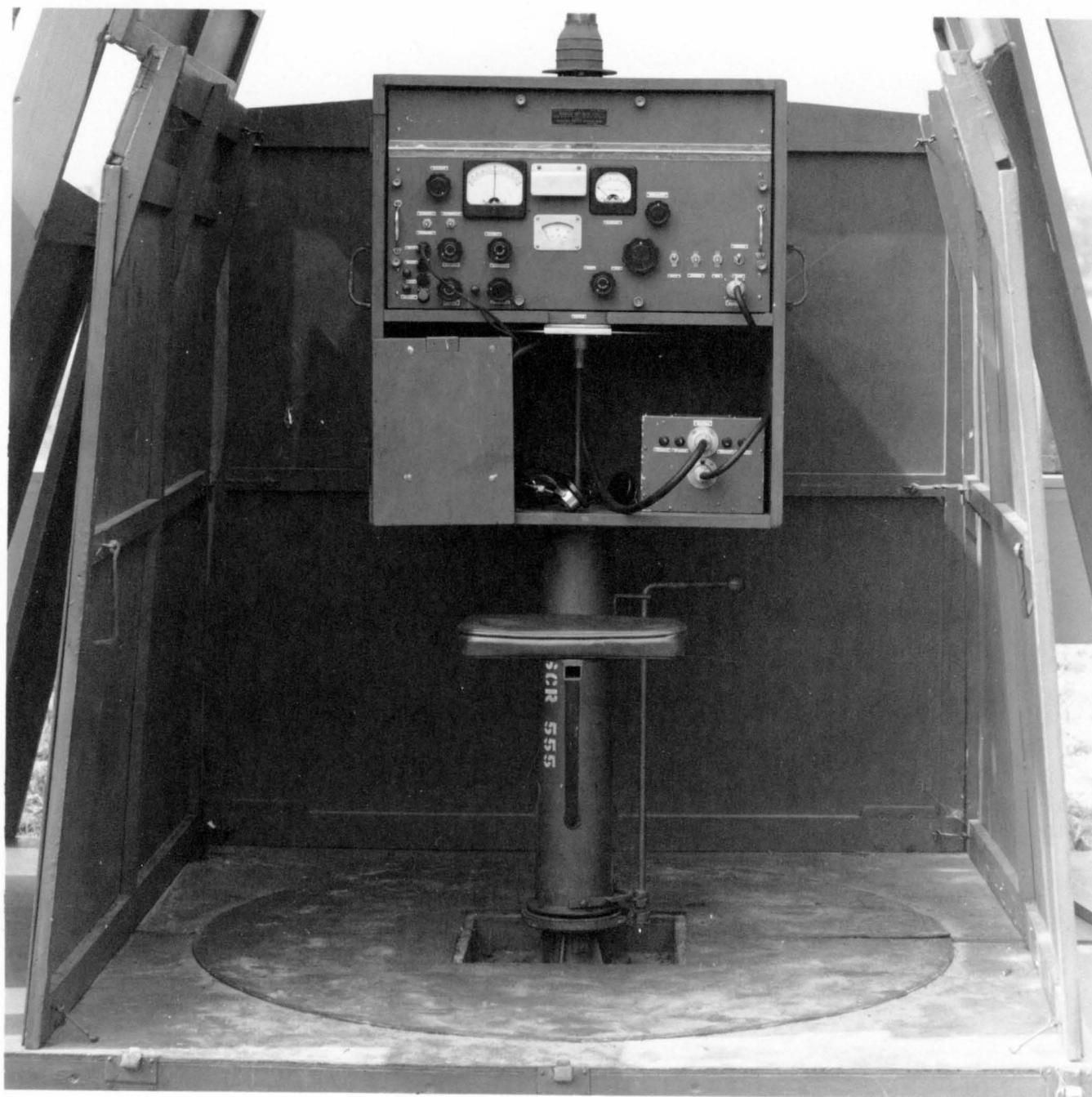
RADIO SET SCR-551-T2  
Prepared for Field Operation

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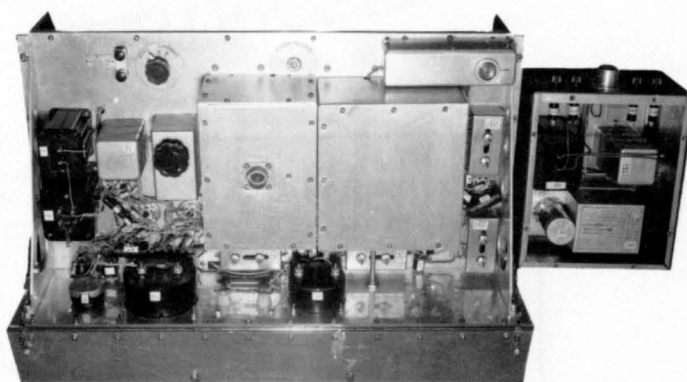
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DATE 6-6-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SCL- 278

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RADIO SET SCR-555-T1  
Operating Position of Radio in Shelter



RADIO RECEIVER . POWER SUPPLY UNIT . PART of RADIO SET SCR-555-T1  
Rear View of Chassis

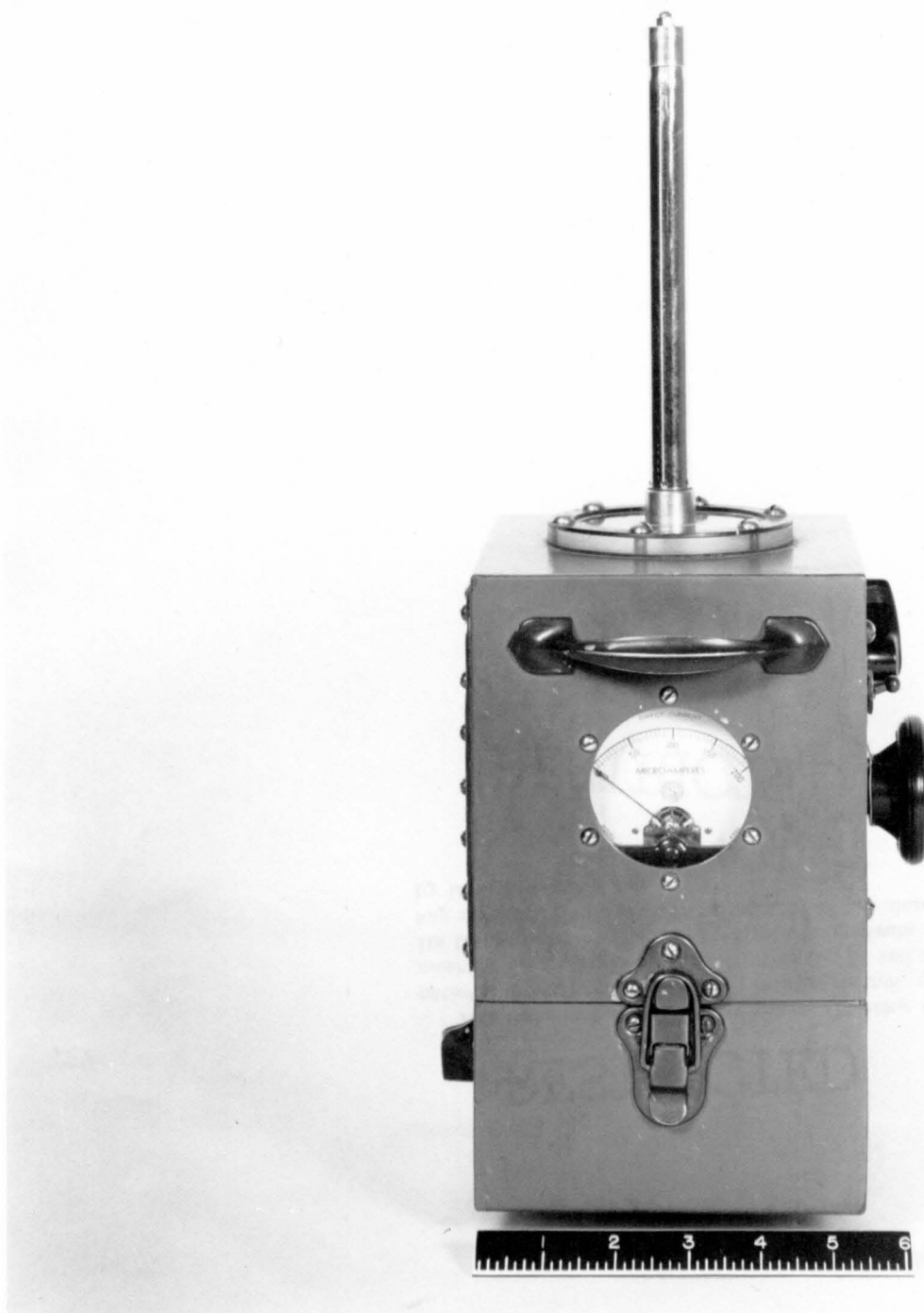




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RADIO SET SCR-556-T1  
Complete Assembly . Including Target Transmitter

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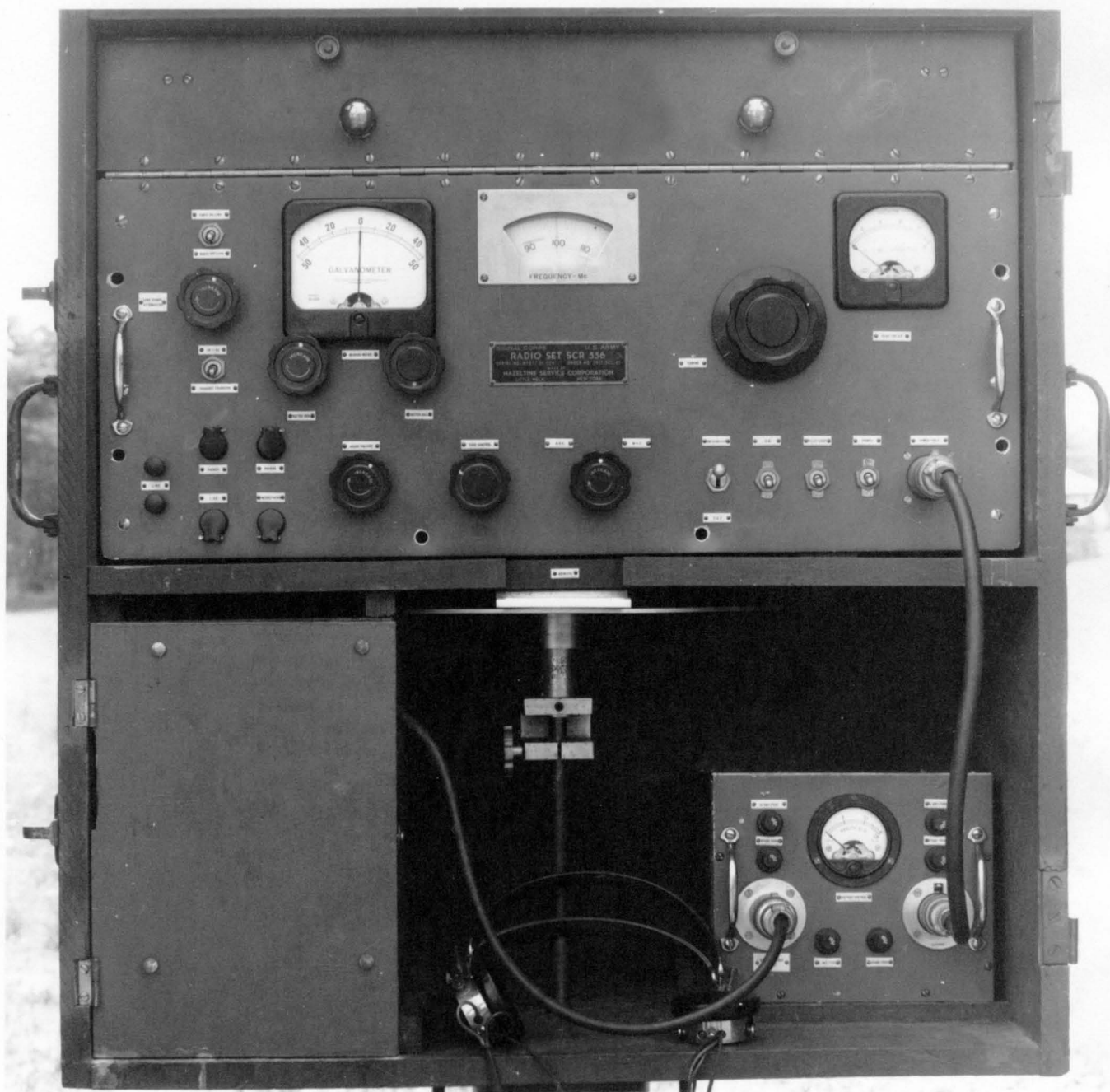
TARGET TRANSMITTER and BATTERY BOX

As Used with Radio Set SCR-555-T1 and T2, SCR-556-T1 and T2 . Right Side View

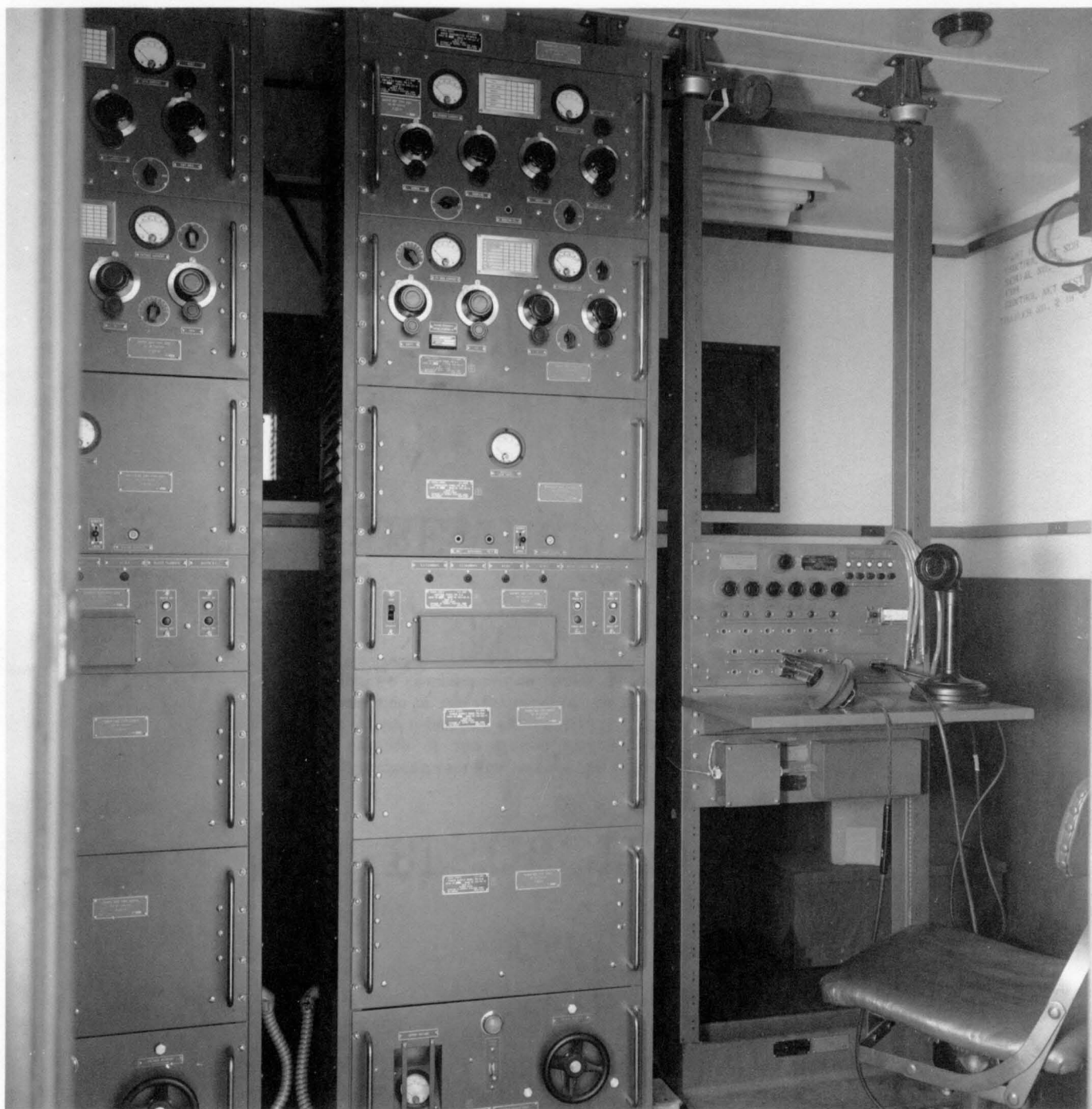
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DATE 8-1-42 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-4969

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RADIO SET SCR-556-T2  
Radio Receiver Assembled in Chest . View of Control Panel



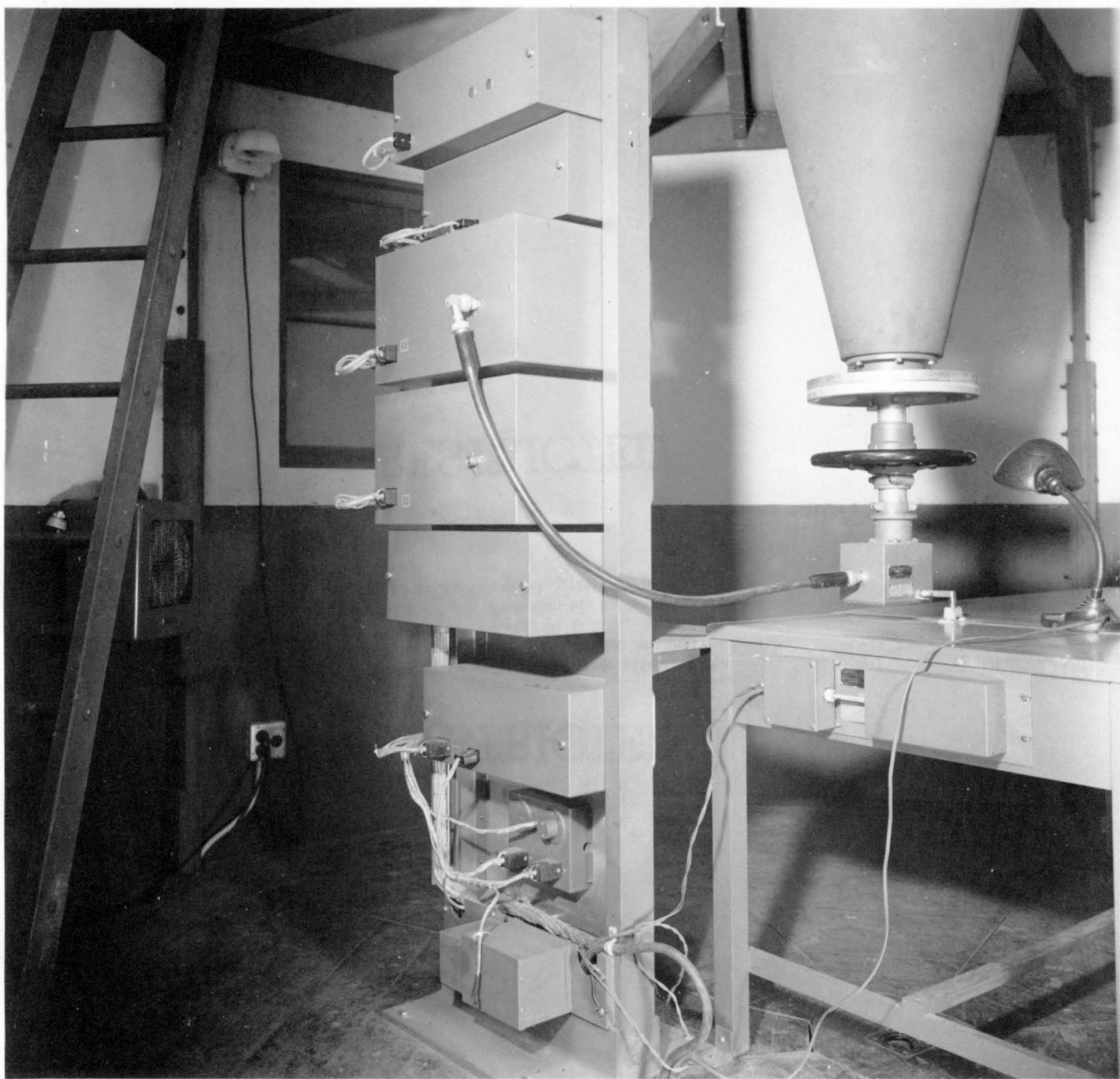
TRANSMITTING EQUIPMENT KE-1-A . PART of RADIO SET SCR-562  
Operator's Position



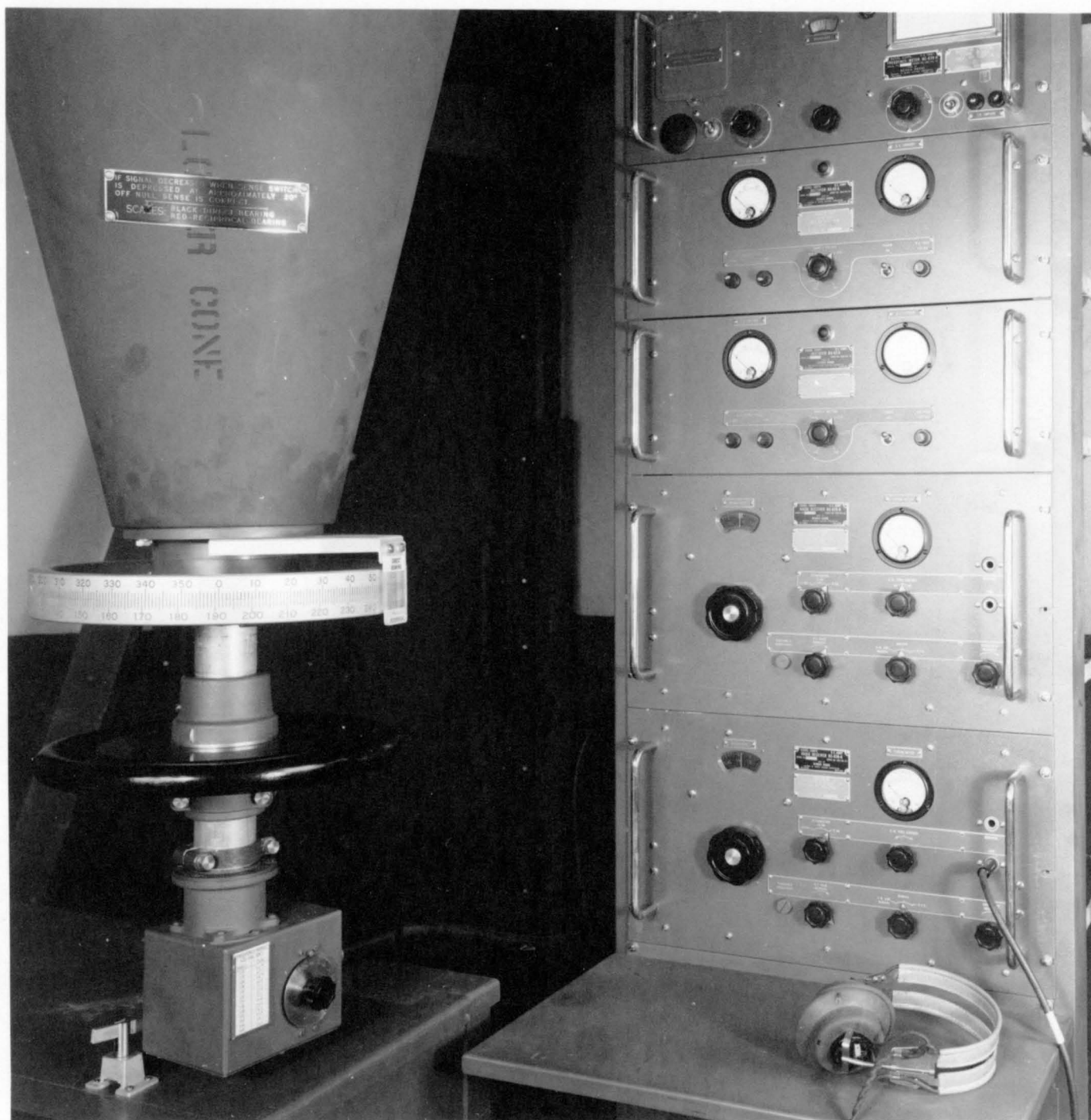


RECEIVING EQUIPMENT KE-2-A . PART of RADIO SET SCR-563  
Operator's Position





RADIO SET SCR-564  
Rear View of Radio Operator's Equipment



RADIO SET SCR-565  
Operator's Position



MOBILE HOMING EQUIPMENT KE-3-A . PART of RADIO SET SCR-566  
Prepared for Operation



RECEIVING EQUIPMENT KE-5-A . PART of RADIO SET SCR-567  
Operator's Position



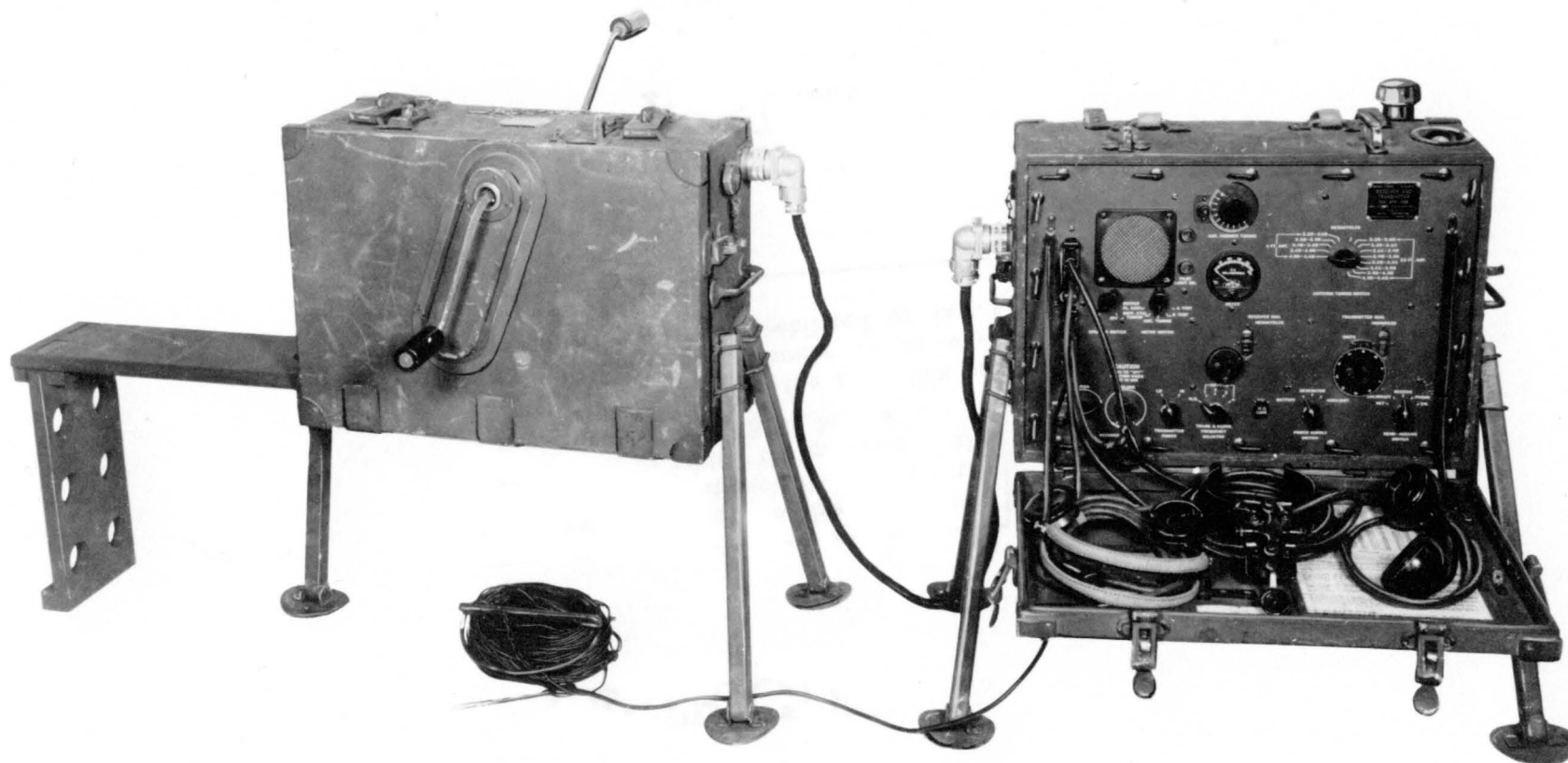


TRANSMITTING EQUIPMENT KE-4-A . PART of RADIO SET SCR-567  
Assembly . Looking from Curbside Door in Truck K-53-( )

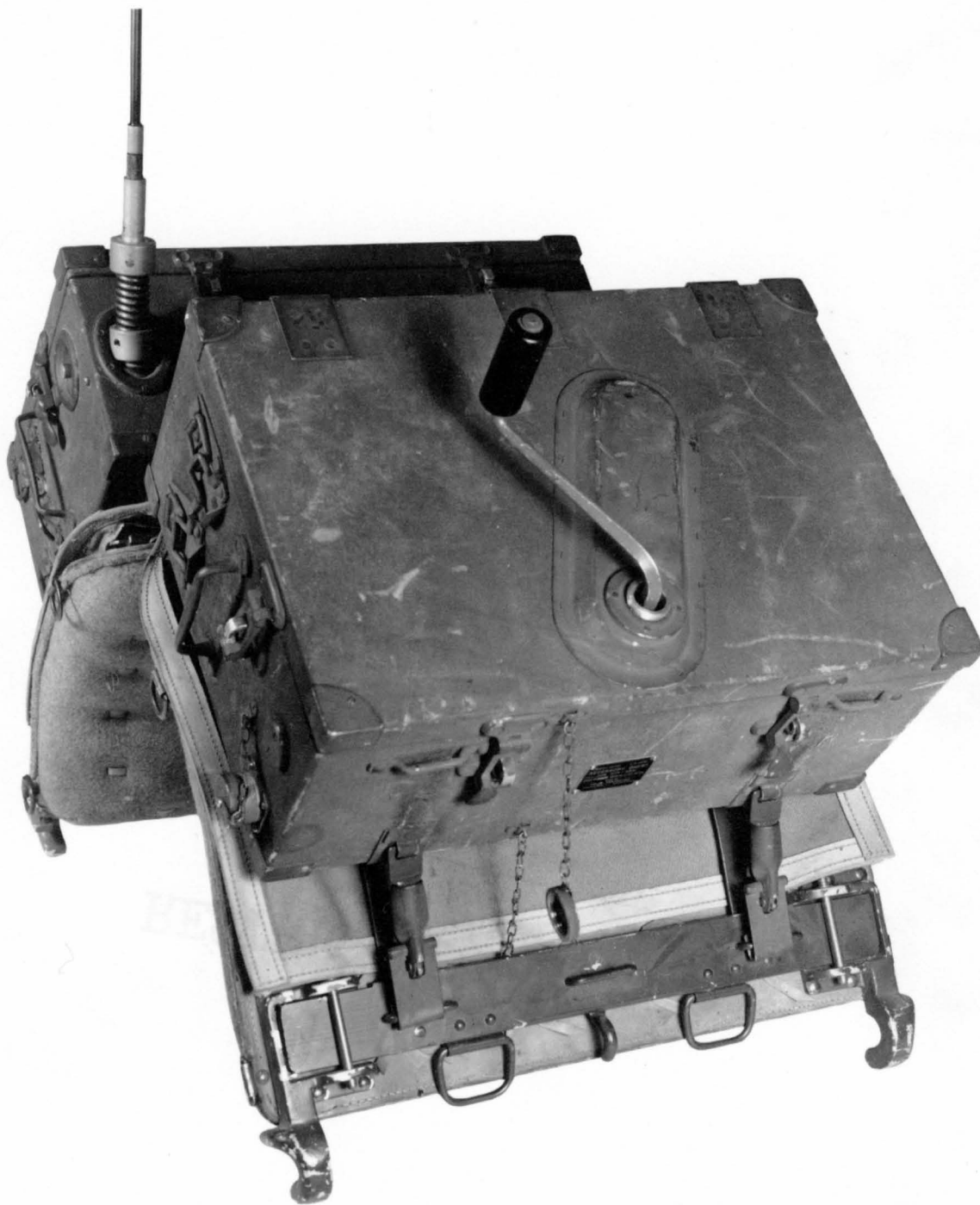




PRINCIPAL COMPONENTS of RADIO SET SCR-577  
Showing Antenna KS-10070 and Antenna Mounting D-151146



RADIO SET SCR-583- (Philco)  
Prepared for Field Operation

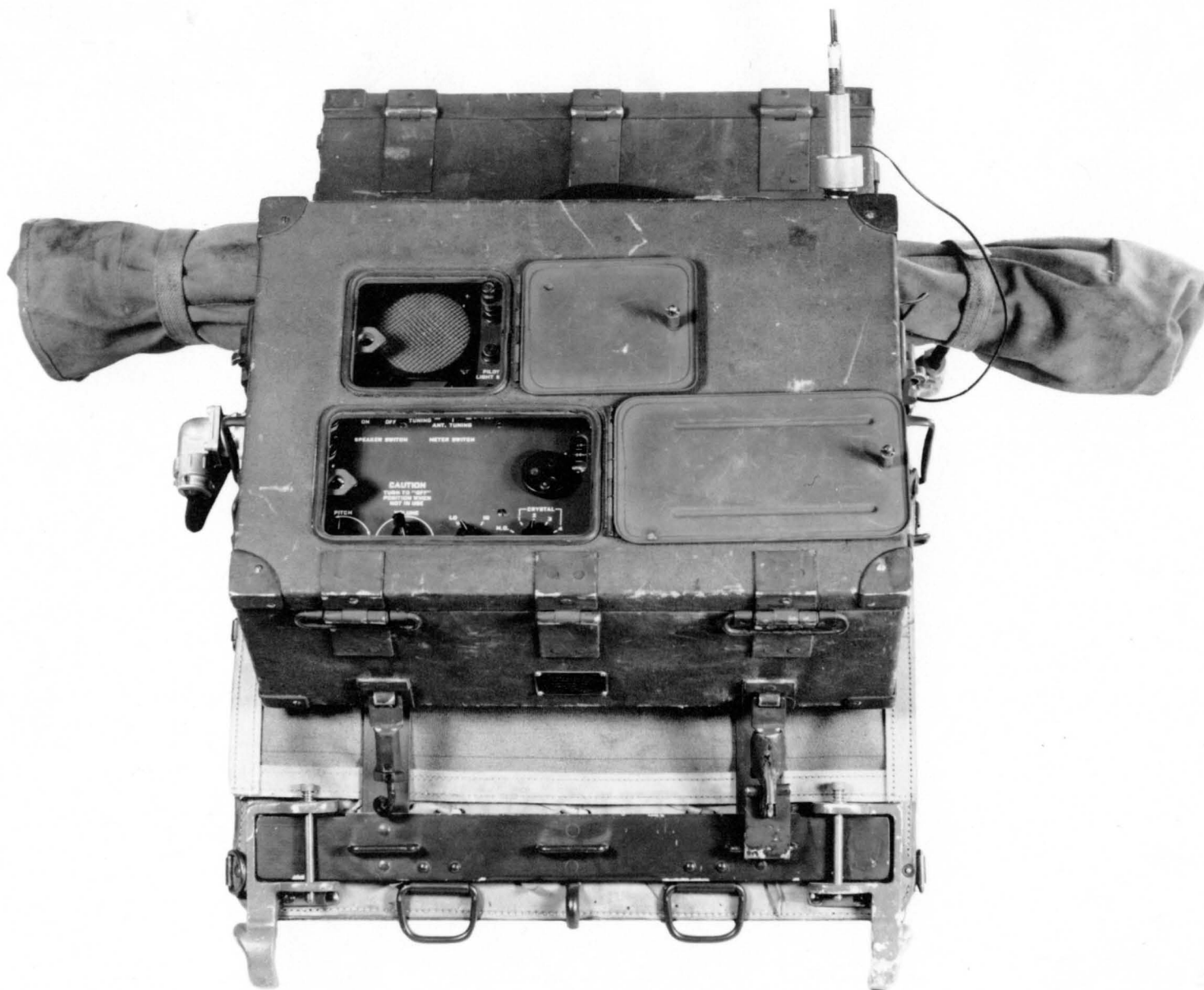


ACCESSORY CHEST . PART of RADIO SET SCR-583-(Philco)  
Prepared for Saddle Pack Operation of Generator GN-45 (Modified)

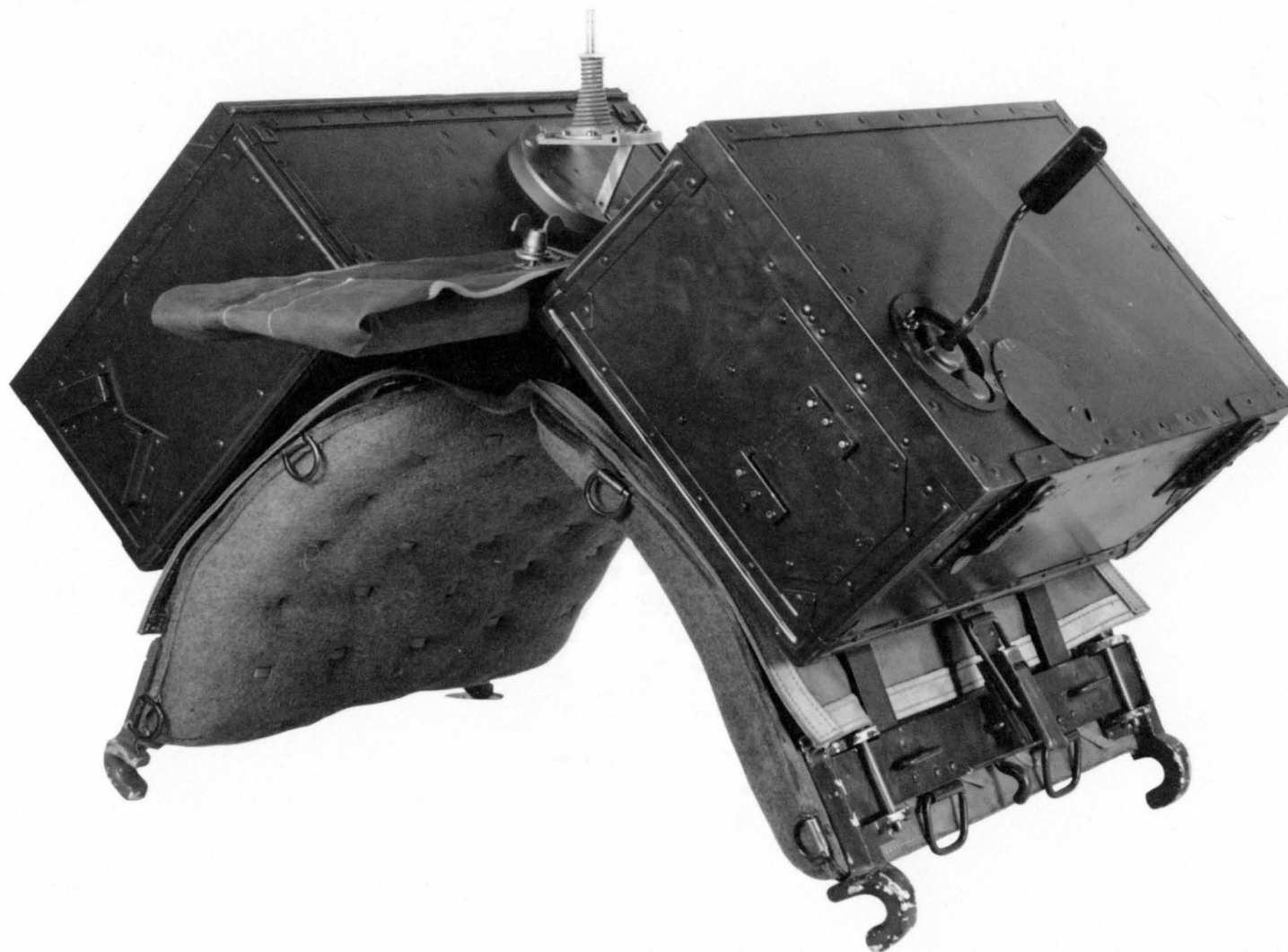
DATE 2-1-43

SIGNAL CORPS GROUND SIGNAL SERVICE

NO. SCGSS 7275



RADIO SET SCR-583- (Philco)  
Prepared for Stand-by Operation on Saddle Pack

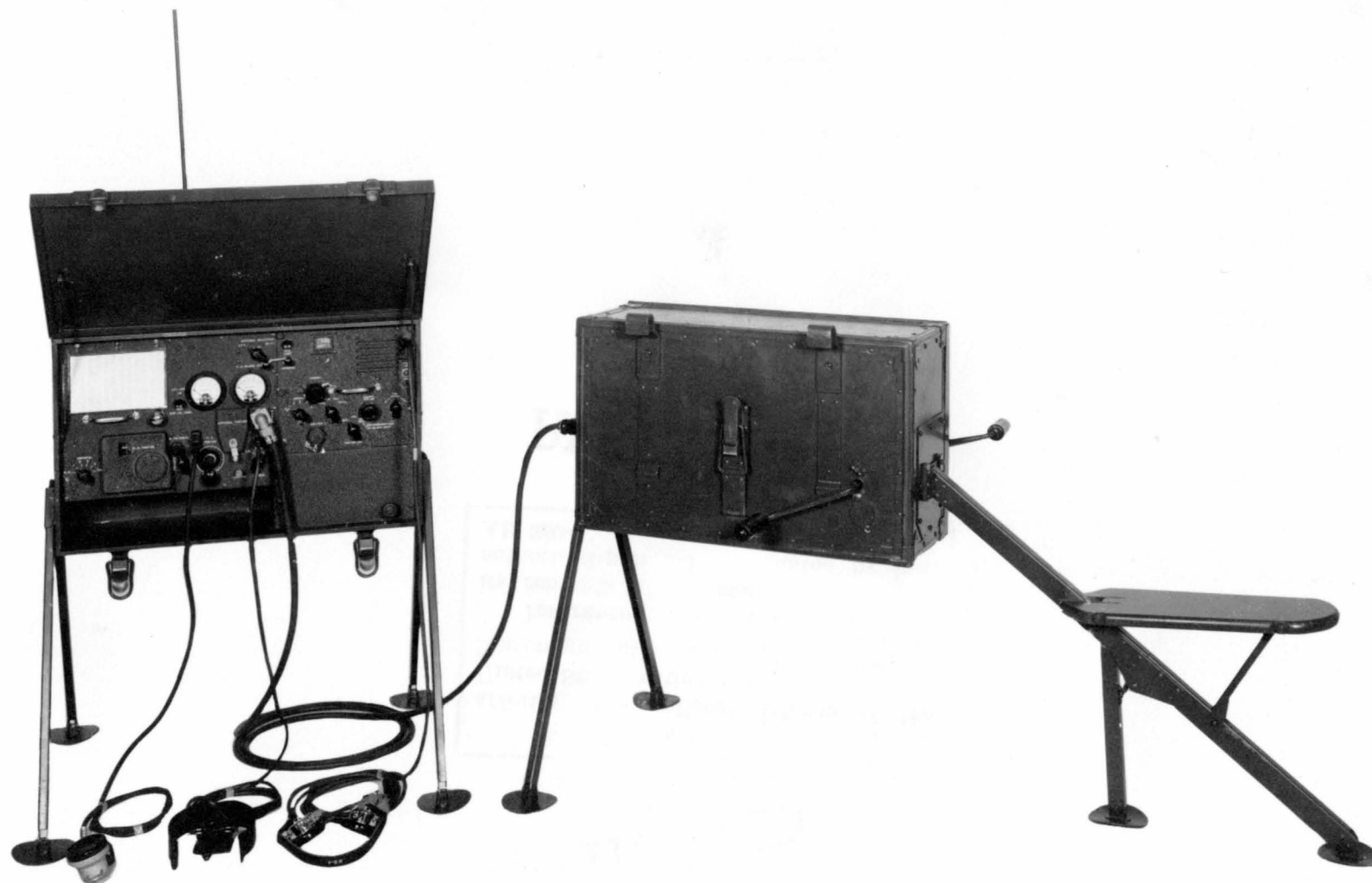


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ACCESSORY CHEST . PART of RADIO SET SCR-583- (Farnsworth)  
Prepared for Saddle Pack Operation of Generator GN-45 (Modified)

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RADIO SET SCR-583-(Farnsworth)  
Prepared for Field Operation

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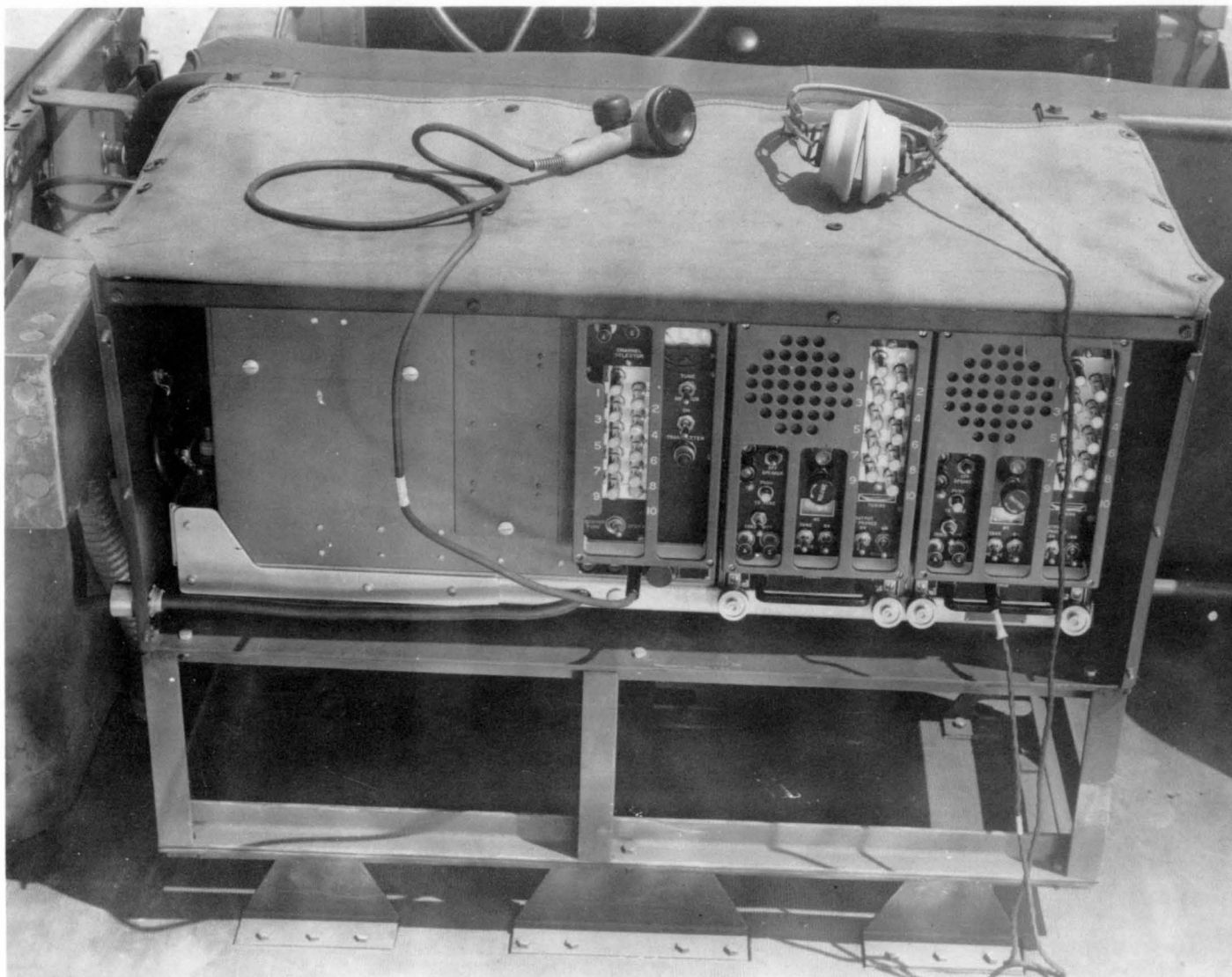
RADIO SET SCR-593-T2  
Prepared for Operation



PRINCIPAL COMPONENTS of RADIO SET SCR-608-( ) (Preliminary Model)  
Set Up for Operation



RADIO RECEIVER BC-683 . RADIO TRANSMITTER BC-684 . MOUNTING FT-237-( )  
Part of Radio Set SCR-608 (Preliminary Model)

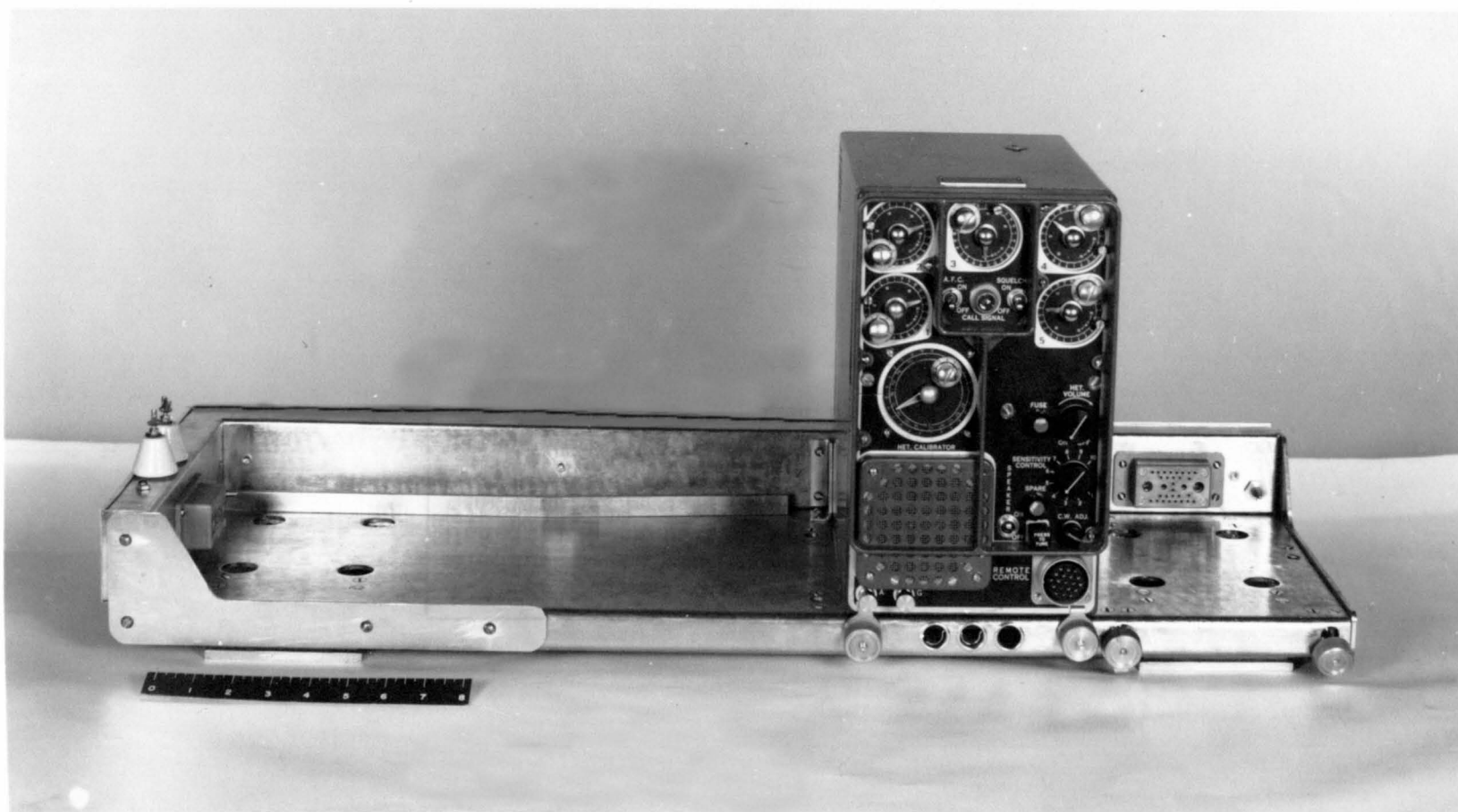


CHEST CH-74-A . RADIO SET SCR-608-A  
Installed Behind Driver's Seat in Truck, 1/2-Ton Command (Radio) . Showing Microphone T-17 and Headset HS-23

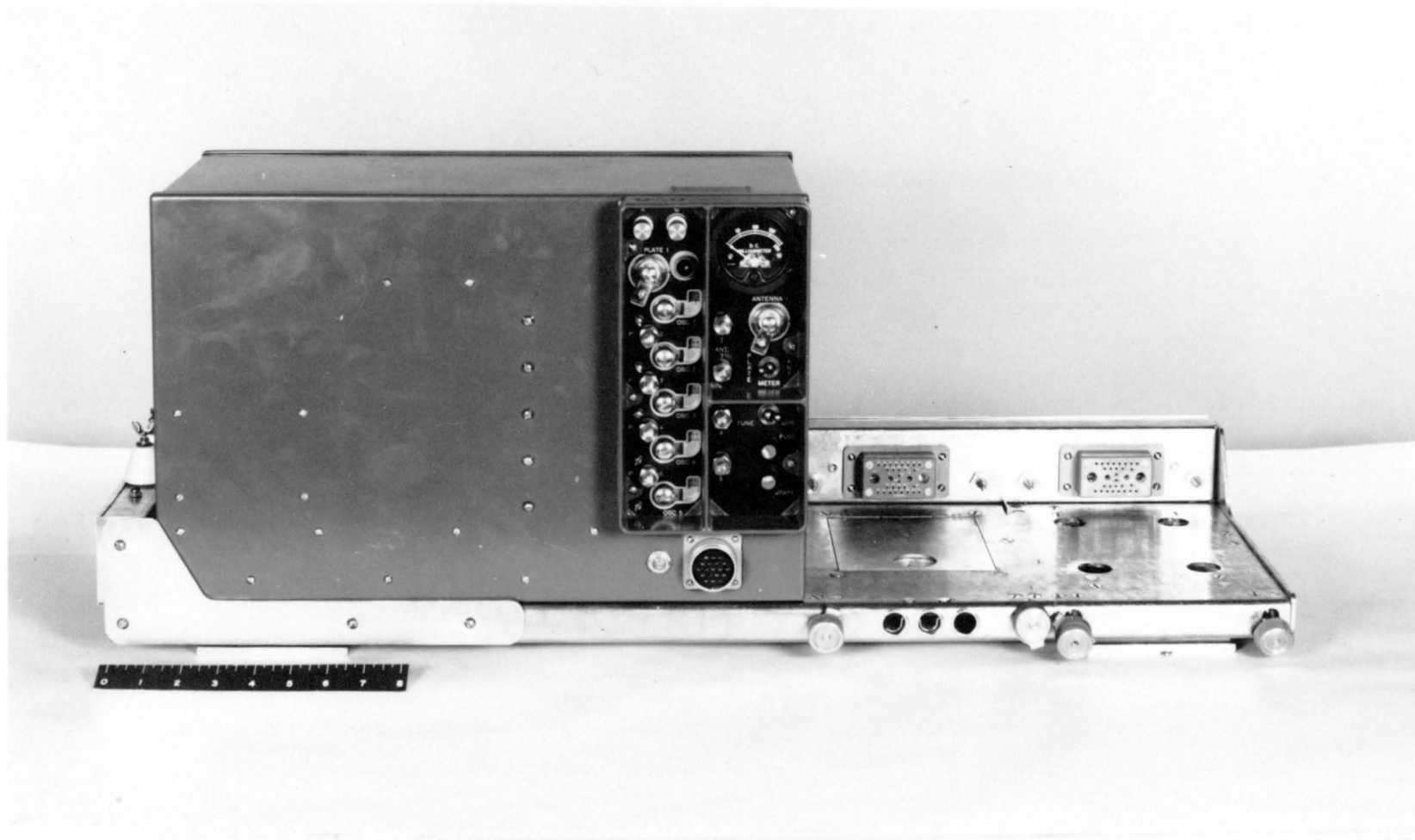




RADIO SET SCR-608-XS (Zenith Development Model ZD-1)  
Front View . Showing Control Units for Local and Remote Operations



RADIO RECEIVER BC-683-XS on MOUNTING BASE FT-237 . PART of RADIO SET SCR-608-XS (Zenith Development Model ZD-1)  
Front View



RADIO TRANSMITTER BC-684-XS on MOUNTING BASE FT-237 . PART of RADIO SET SCR-608-XS (Zenith Development Model ZD-1)  
Front View



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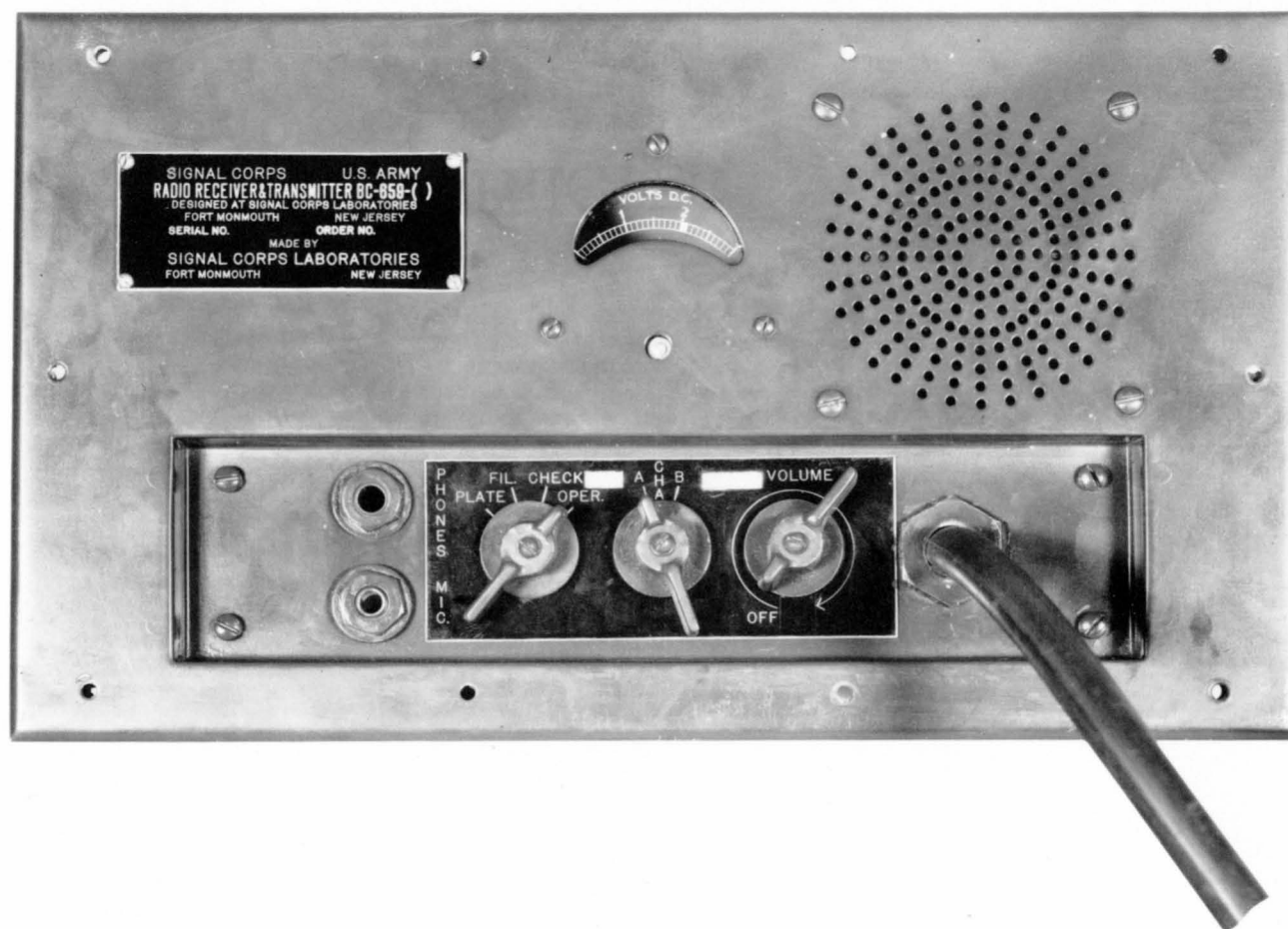
PRINCIPAL COMPONENTS of RADIO SET SCR-609-( )

Prepared for Field Operation

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DATE 1-27-42 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-2771

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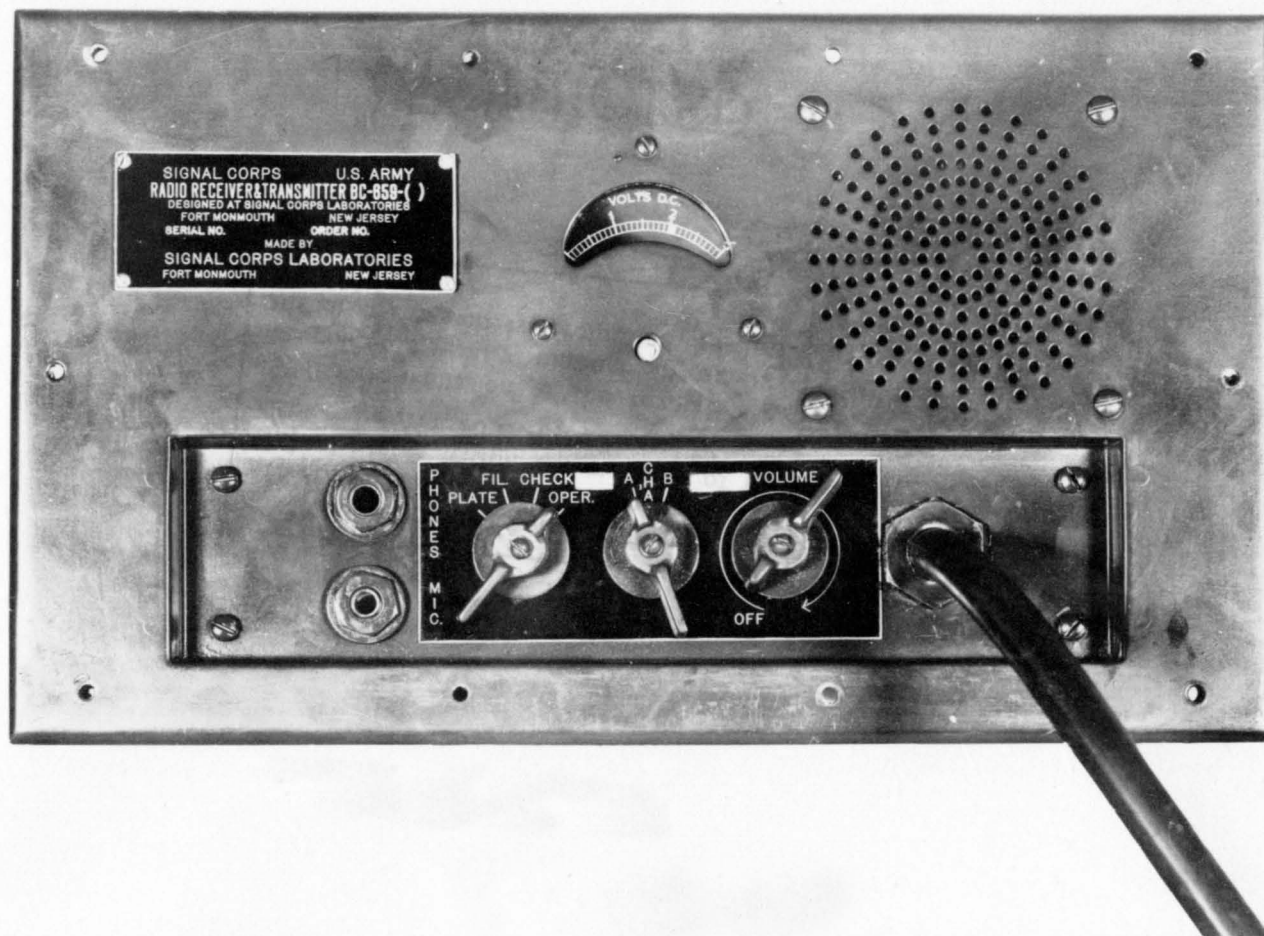


RADIO RECEIVER and TRANSMITTER BC-659-( ) . PART of RADIO SET SCR-609-( ) and SCR-610-( )  
Front View

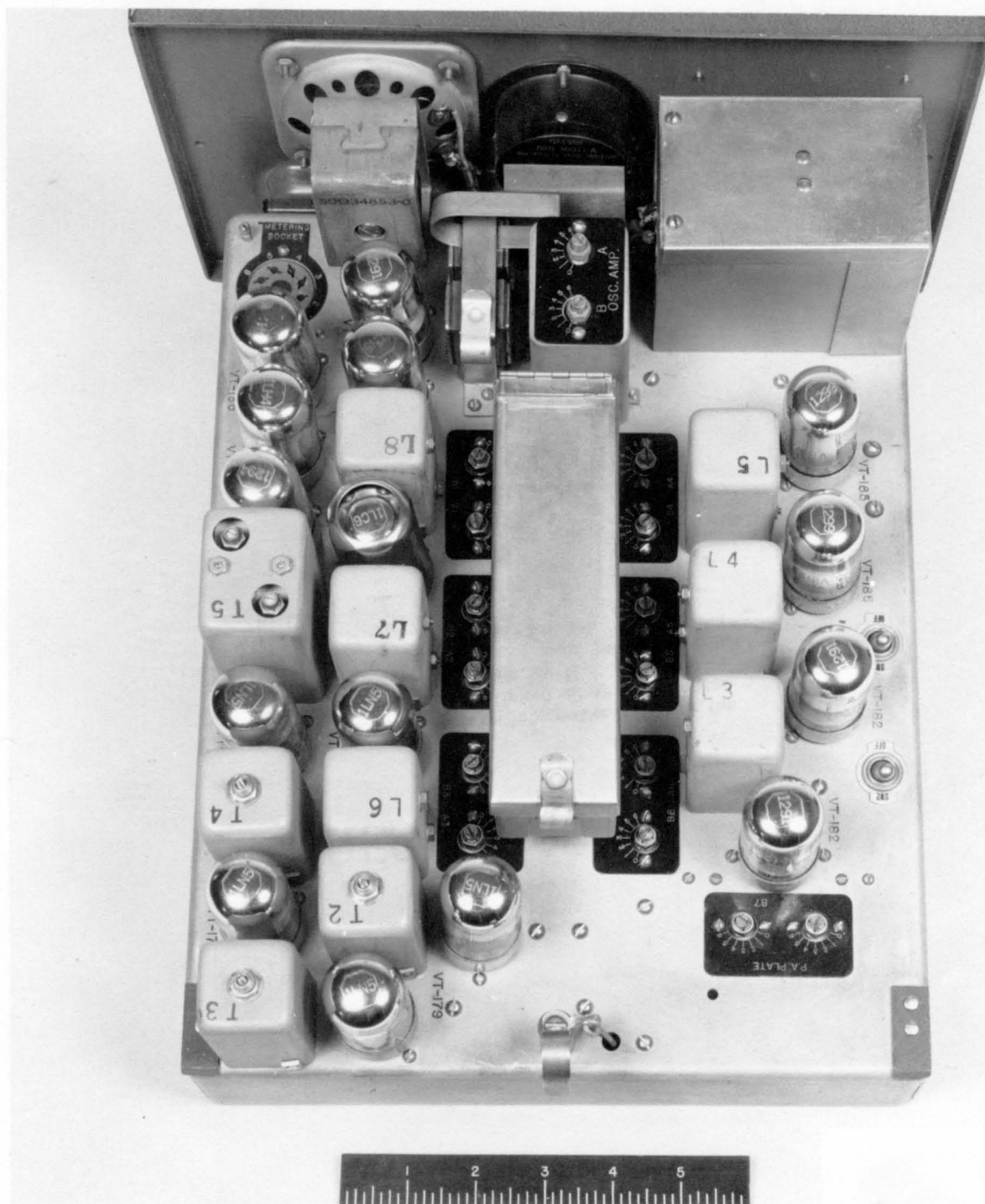




PRINCIPAL COMPONENTS of RADIO SET SCR-610-( )  
Prepared for Mobile Operation



RADIO RECEIVER and TRANSMITTER BC-659- ( ) . PART of RADIO SET SCR-610- ( )  
Front View

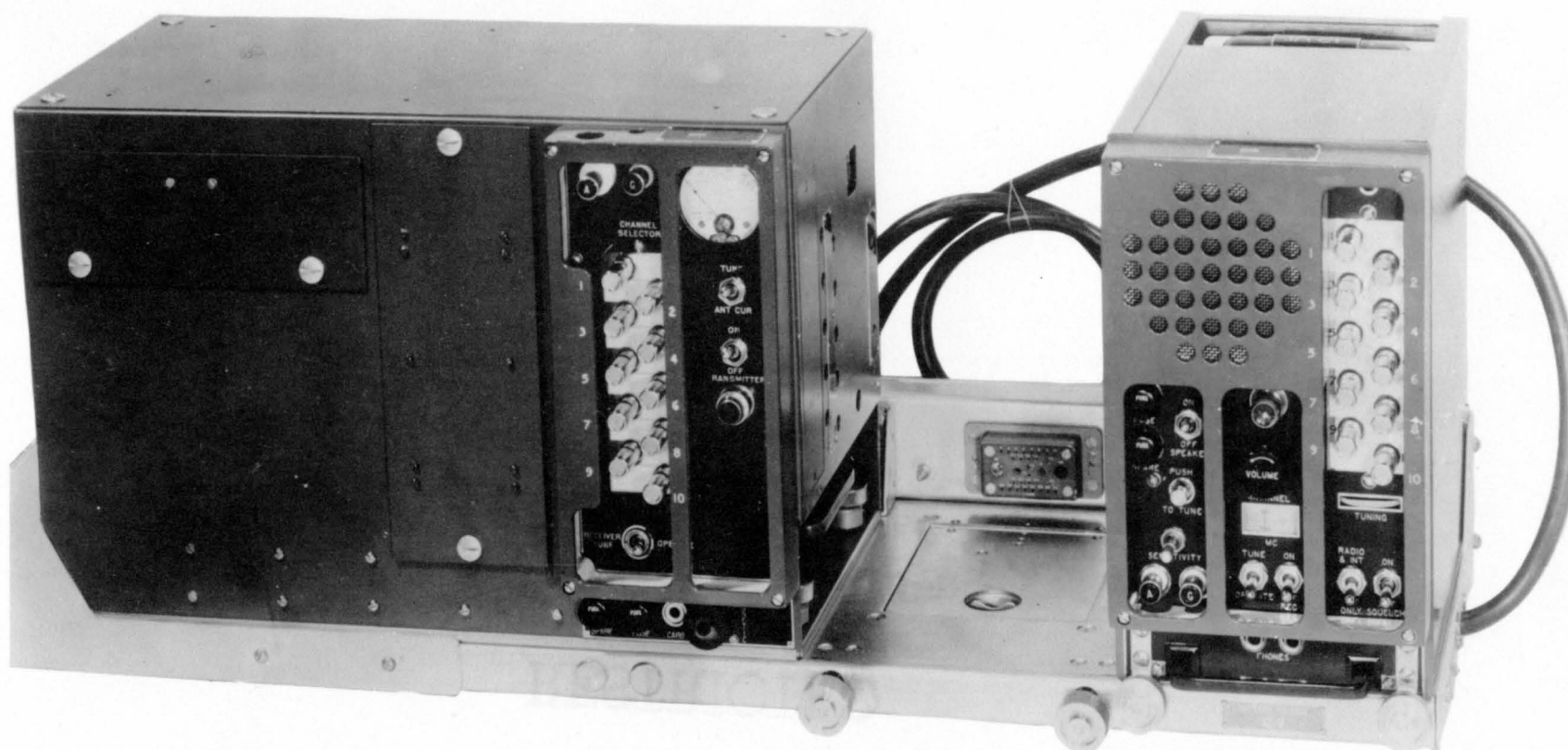


RADIO RECEIVER and TRANSMITTER BC-659-XS . PART of RADIO SET SCR-610-XS  
Top View of Chassis



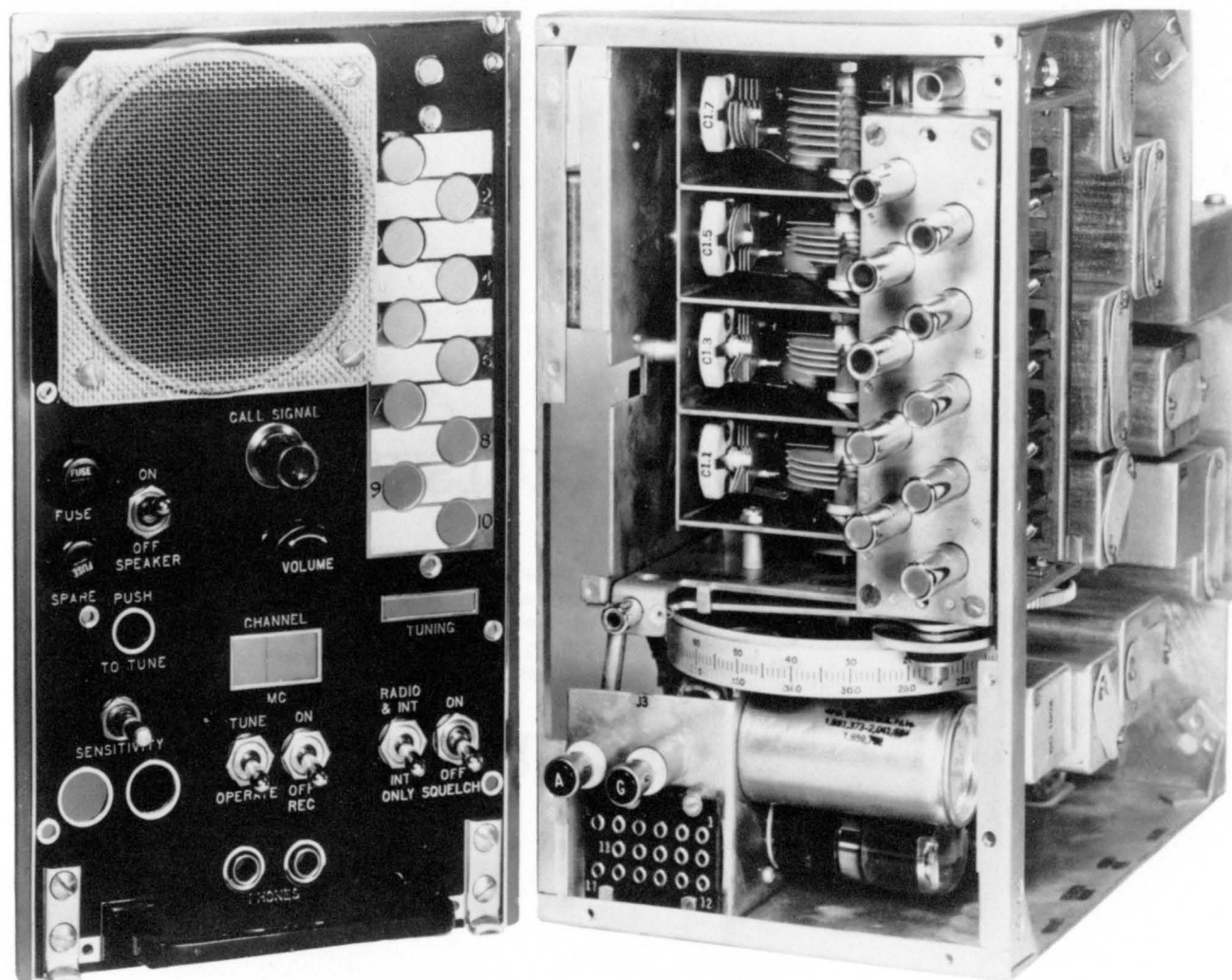
DETECTOR SET SCR-625-D  
Side View . In Use



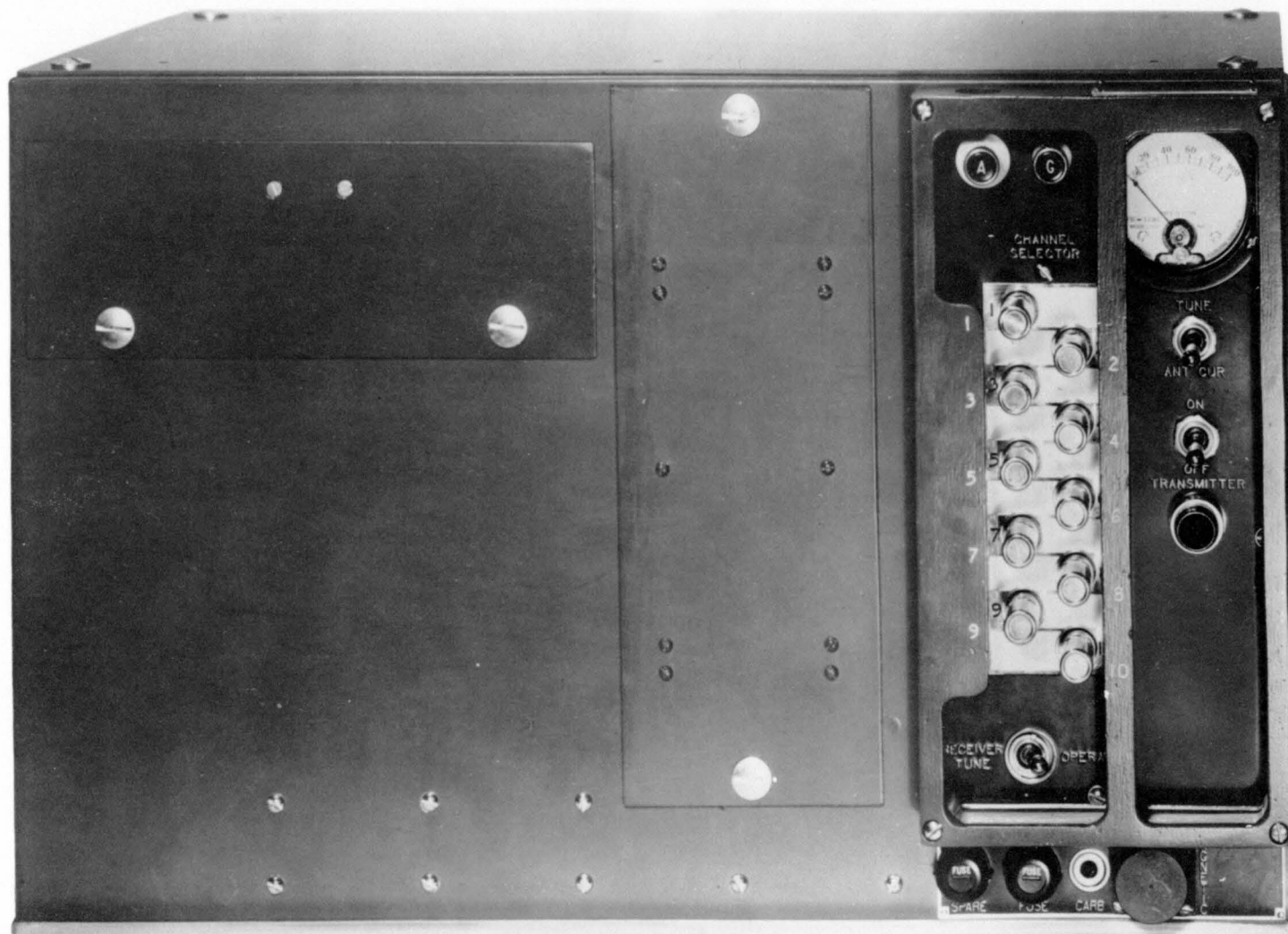


RADIO SET SCR-628 (Preliminary Model)  
Front View





RADIO RECEIVER BC-683 . PART of RADIO SET SCR-628 (Preliminary Model)  
Front View . Panel Removed



RADIO TRANSMITTER BC-684 . PART of RADIO SET SCR-628 (Preliminary Model)  
Front View



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PRINCIPAL COMPONENTS of RADIO SET SCR-694-( )  
Prepared for Field Operation

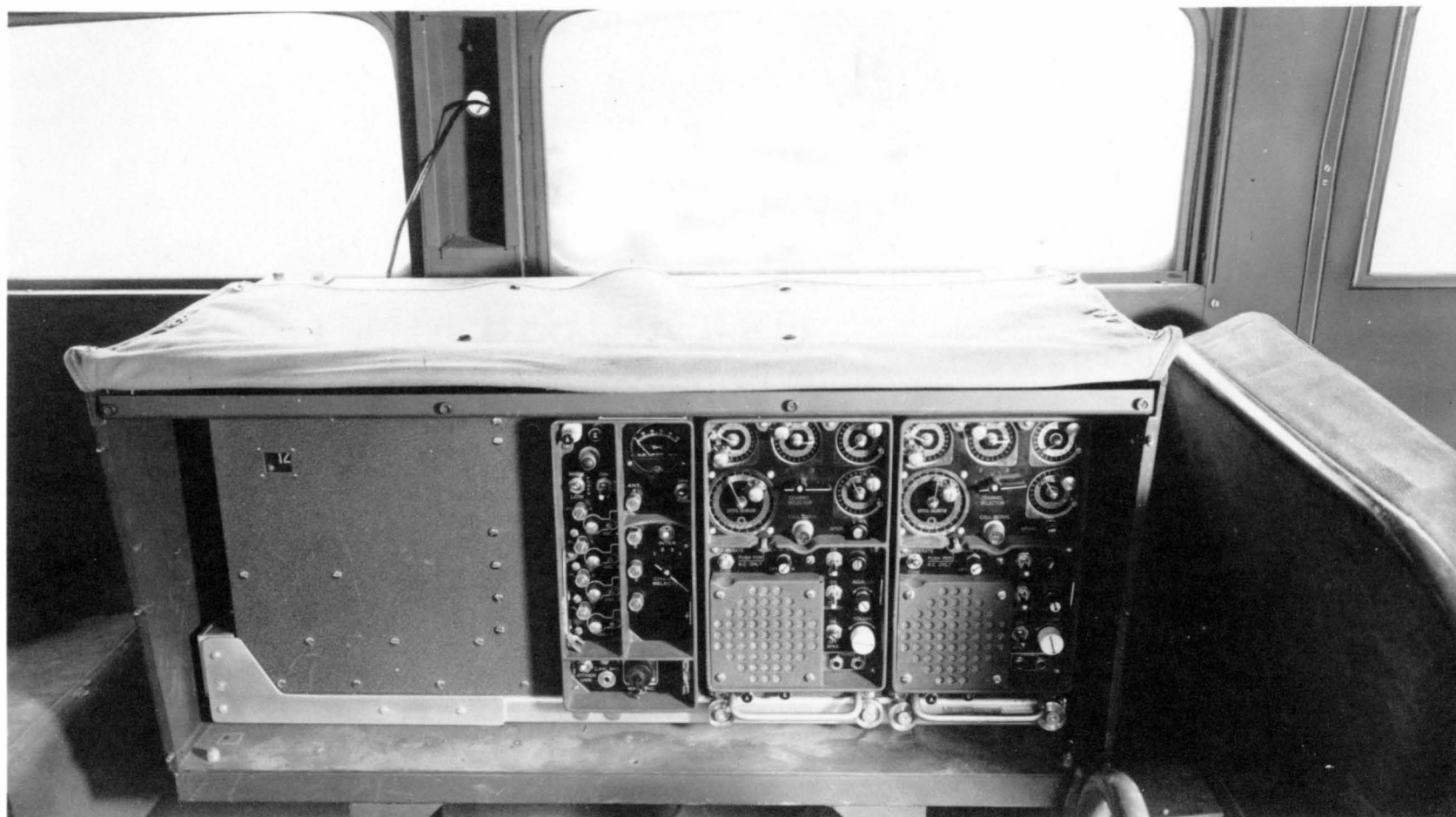
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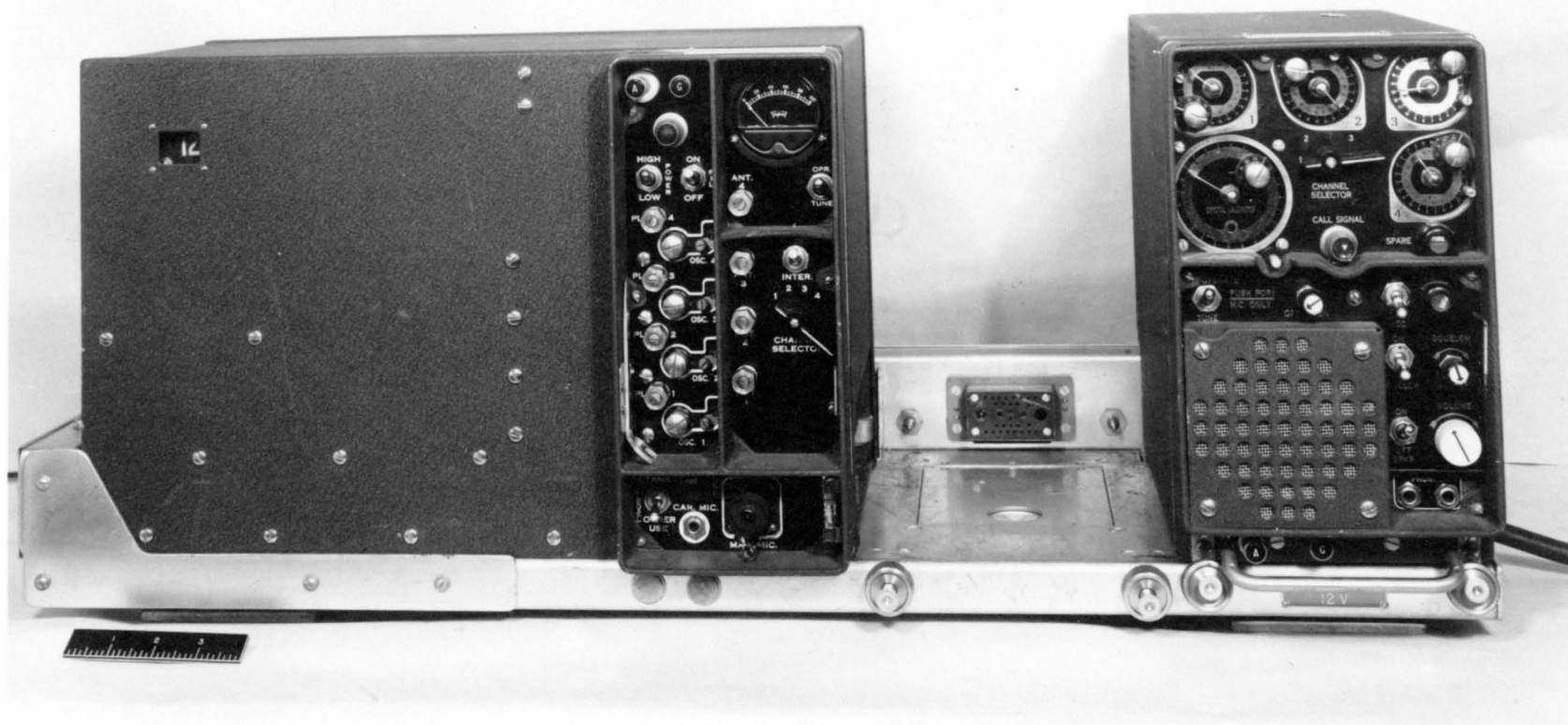
PRINCIPAL COMPONENTS of RADIO SET SCR-694- ( )  
Prepared for Vehicular Operation



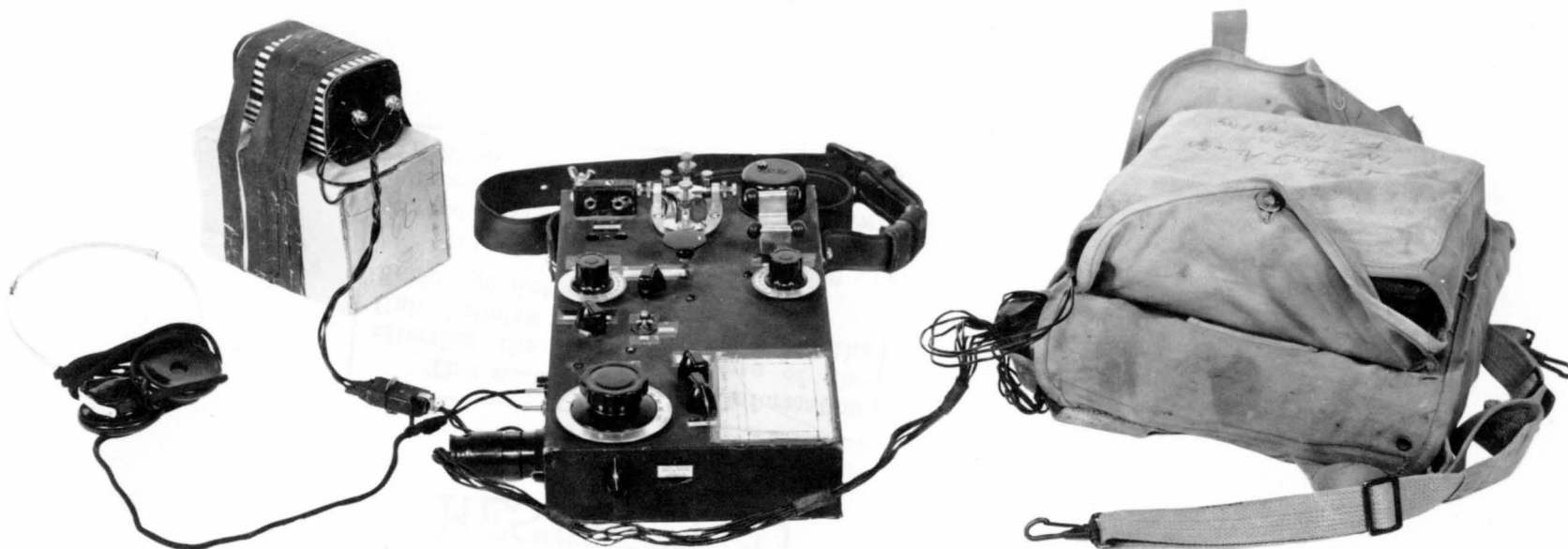




RADIO SET SCR-808-( ) . INSTALLED in TRUCK, 3/4-TON 4 X 4 CARRY-ALL  
Front View



RADIO SET SCR-828-( ) . MOUNTED on BASE FT-237-( )  
Front View



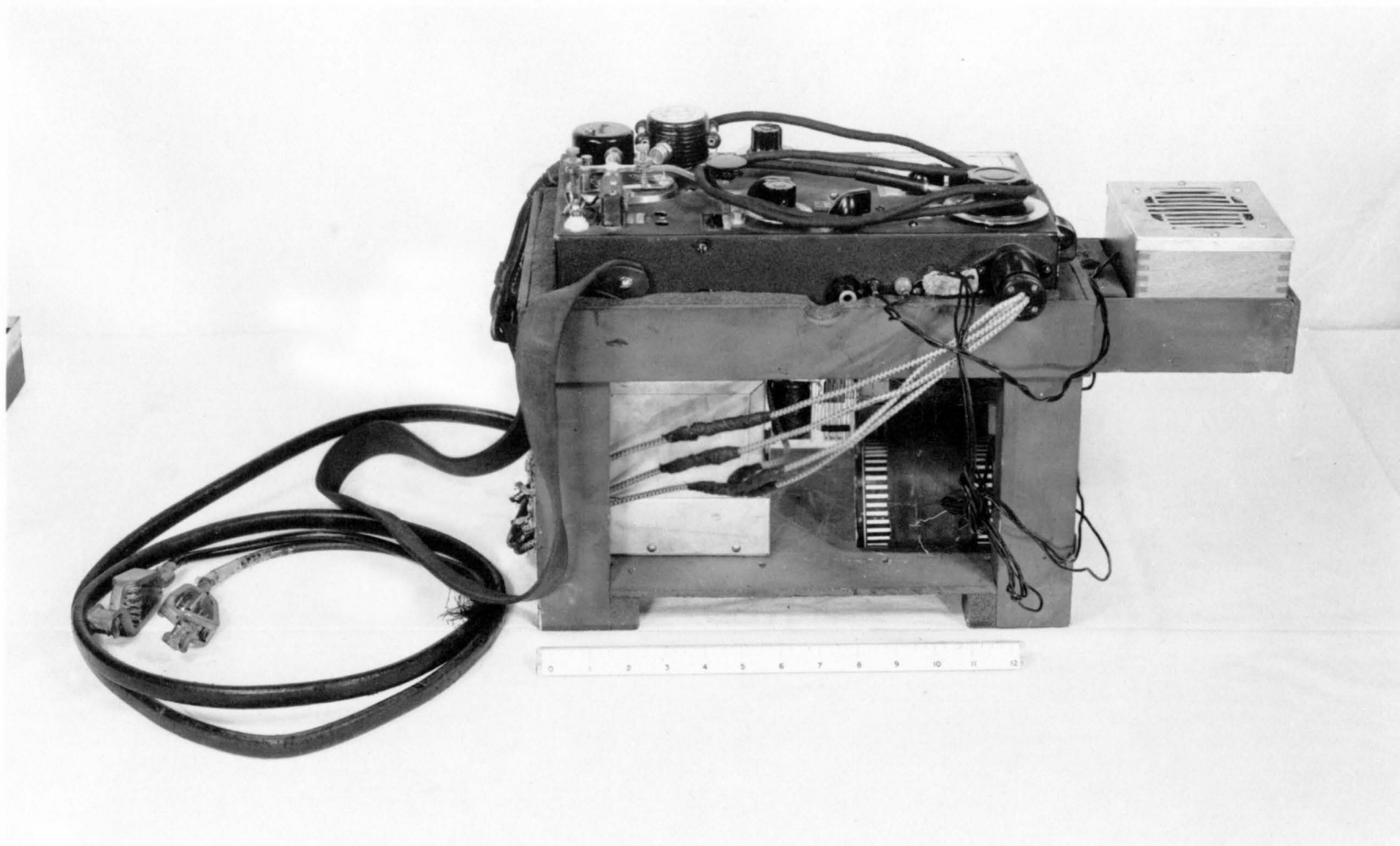
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ALLEN RADIO SET

Prepared for Walkie Talkie Operation

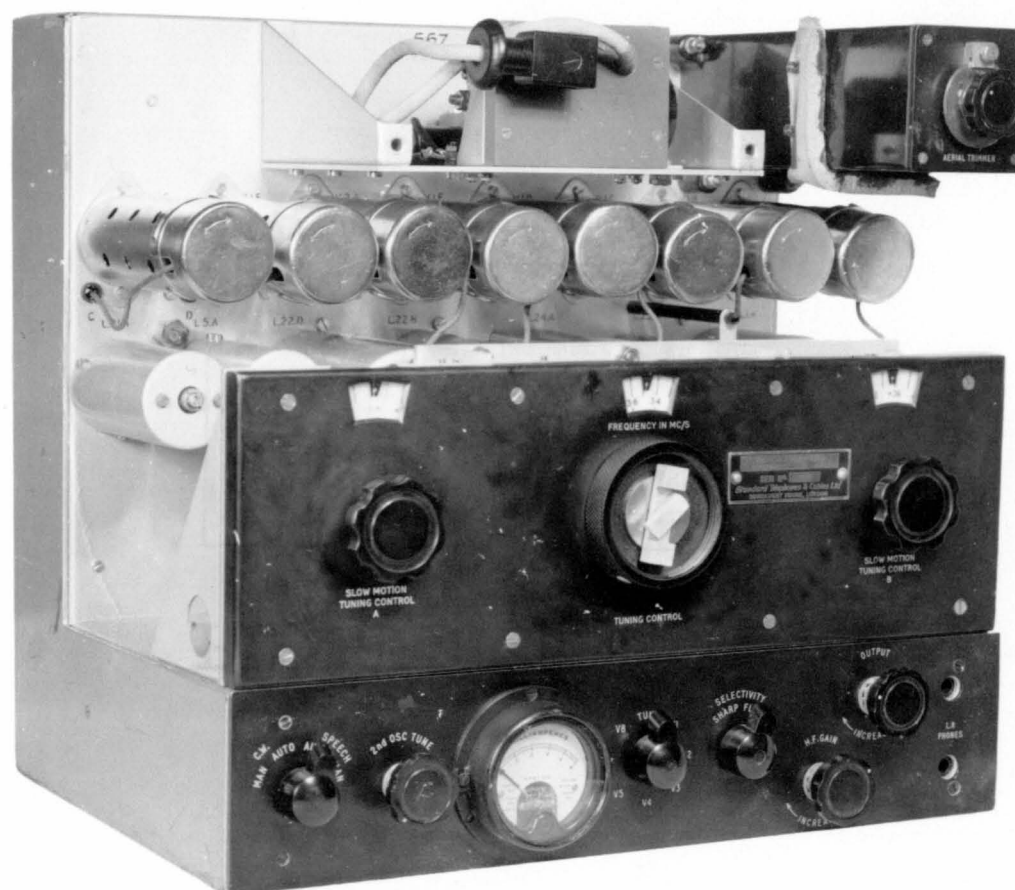


ALLEN RADIO SET  
Prepared for Hand Generator Operation



ALLEN RADIO SET  
Prepared for Vehicular Installation

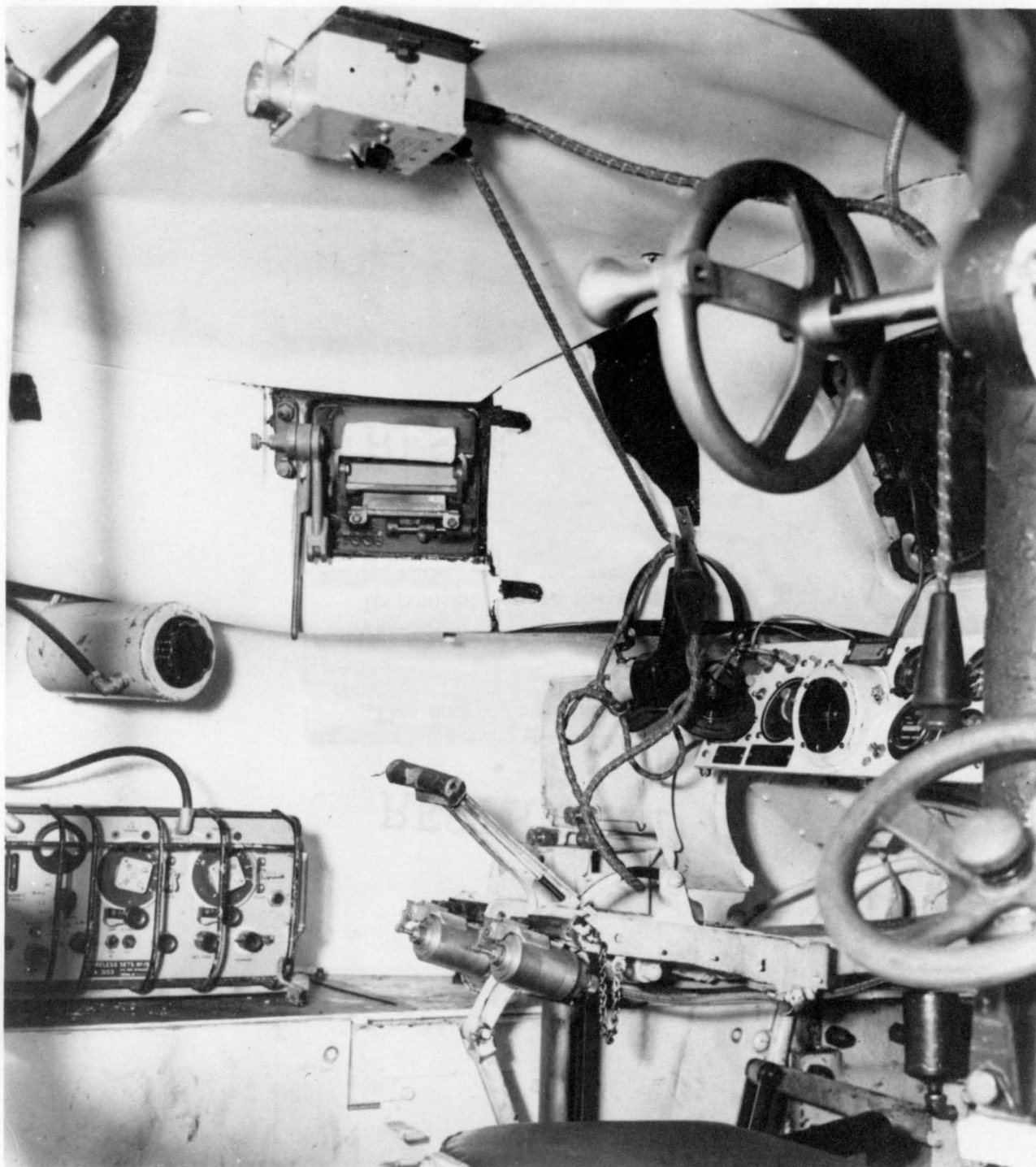




RECEIVER UNIT . PART of BRITISH WIRELESS SET NO. 9 MK-1  
Front View



BRITISH WIRELESS SET NO. 11  
Front View



BRITISH WIRELESS SET NO. 19

Variometer in Position in Medium Tank M3A1

DATE 2-11-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SCL- 2902



RADIO RECEIVERS and TRANSMITTERS . SUPPLY UNITS NO. 1 . MOUNTING . PART of BRITISH WIRELESS SETS NO. 19 MARK II  
Front View



BRITISH WIRELESS SET NO. 48  
Prepared for Field Operation . Upright Position . Left and Right Side Views

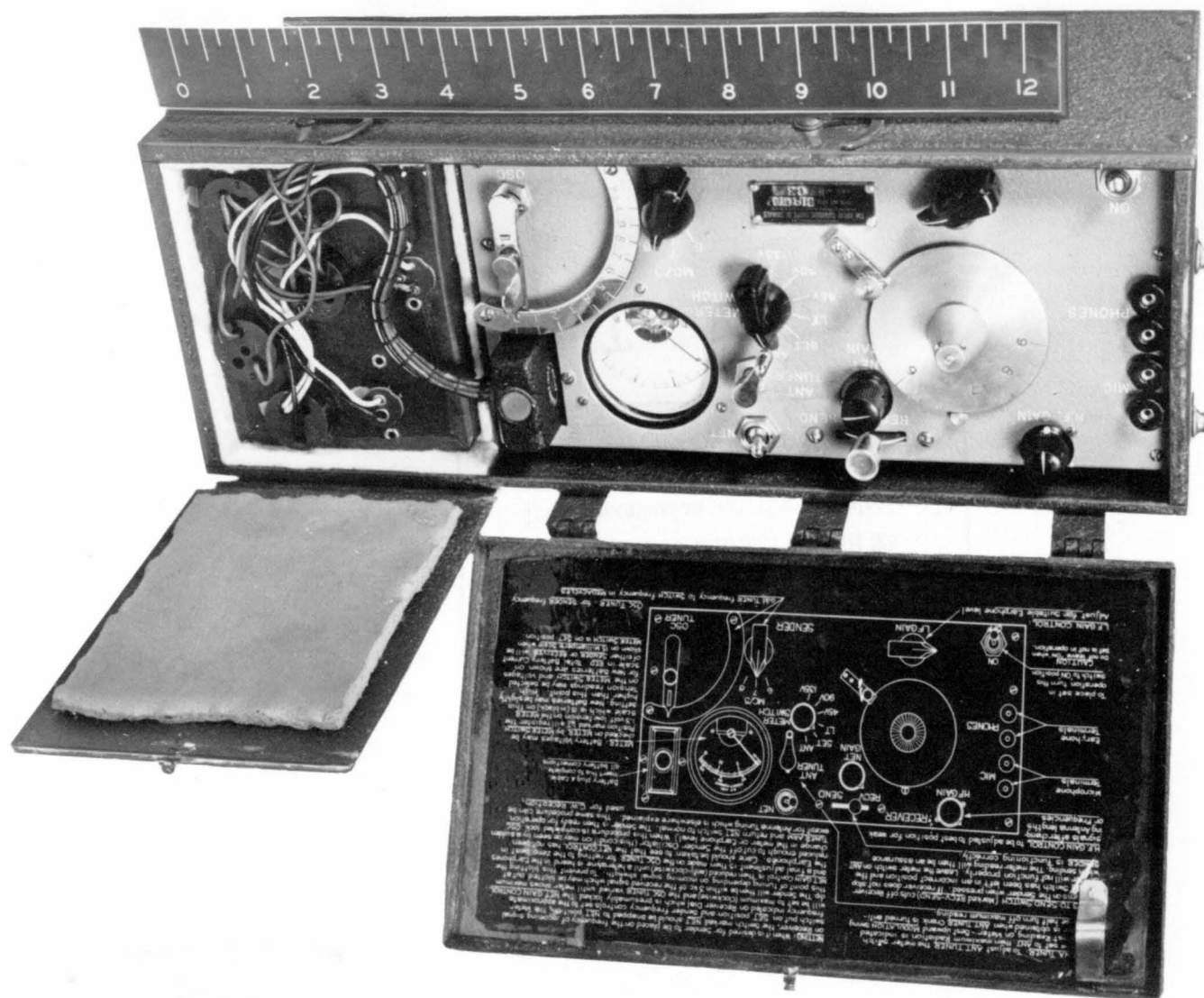




CANADIAN RADIO SET C-18 MK II . BRITISH WIRELESS SET NO. 18 MK III  
Front View



CANADIAN RADIO SET NO. 18  
Front Covers Open . Showing Control Panel and Battery in Compartment



RADIO RECEIVER and SENDER . PART of CANADIAN RADIO SET C-18  
Front View



CANADIAN RADIO SET C-18 MK II  
Operating Position

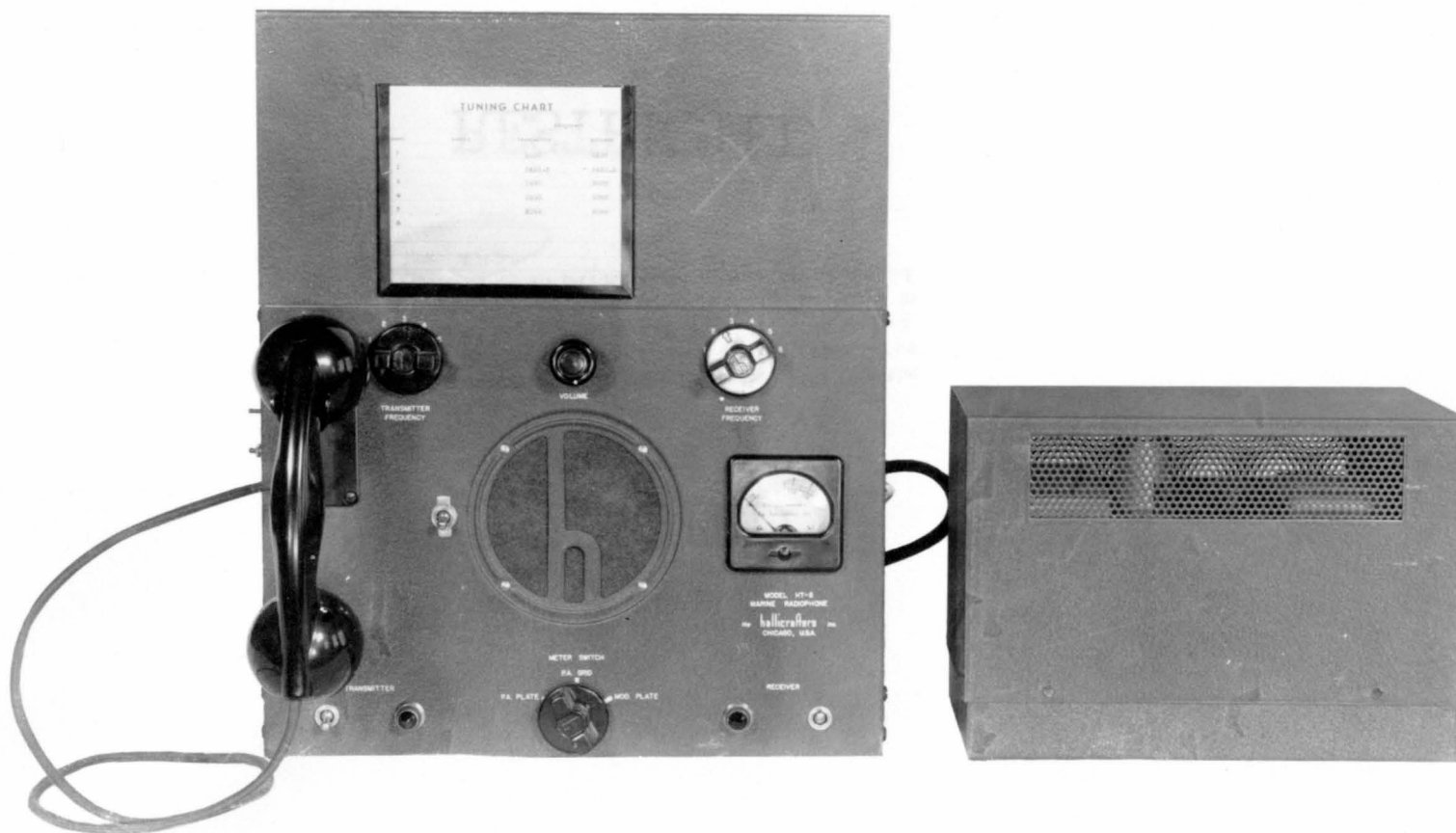


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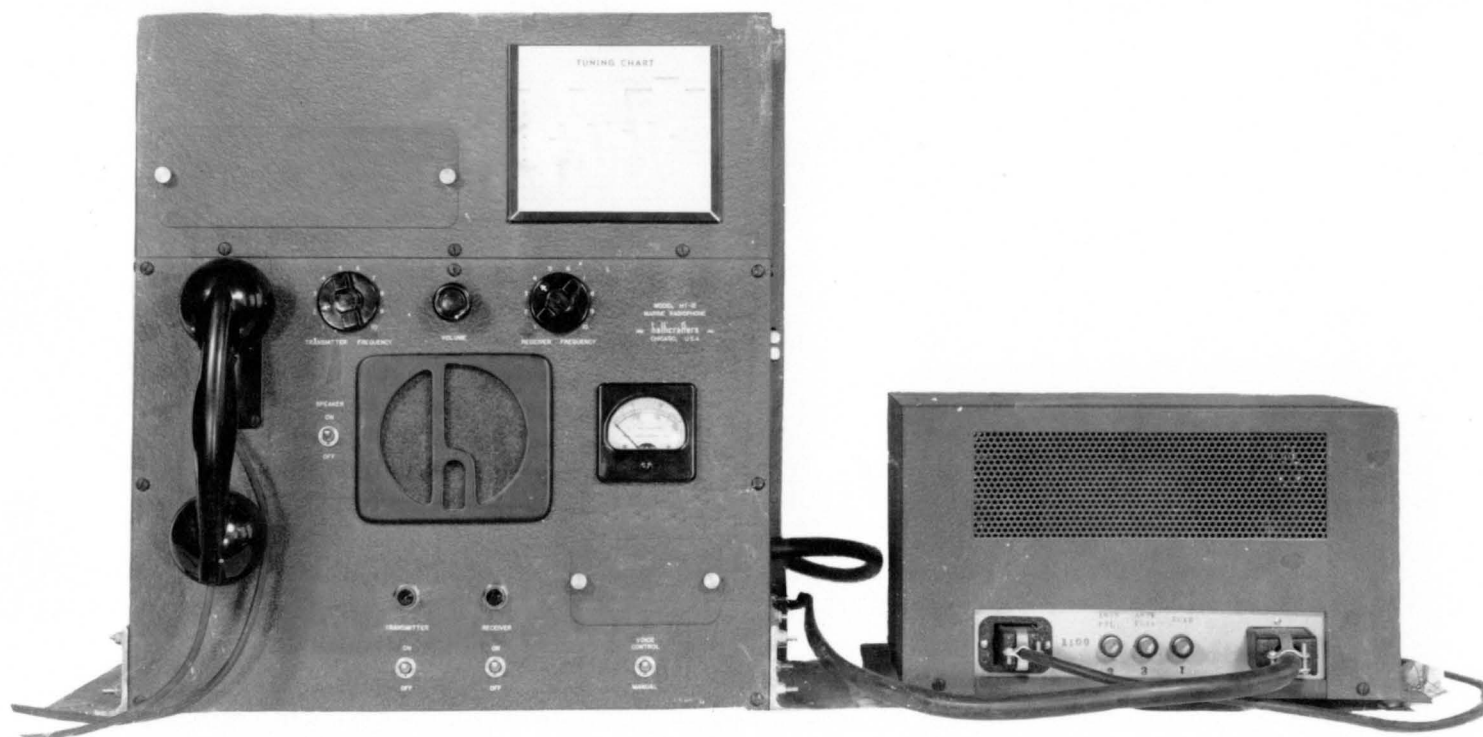
HALLICRAFTERS S-29 COMMUNICATION RECEIVER

Front View





RADIO RECEIVER and TRANSMITTER . POWER SUPPLY UNIT . PART of HALLICRAFTERS HT-8 MARINE TYPE 25-WATT RADIO SET  
Front View



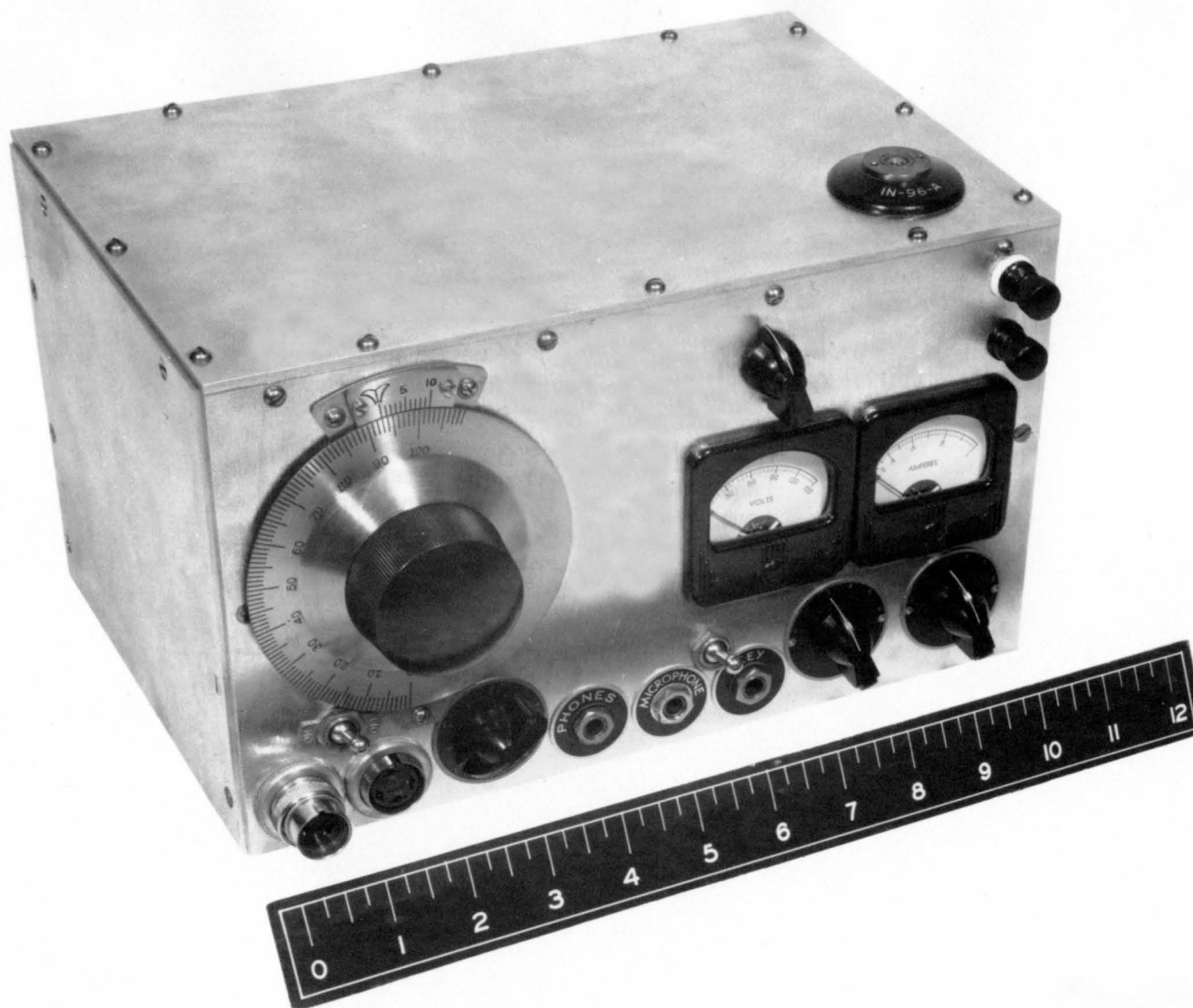
RADIO RECEIVER and TRANSMITTER . POWER SUPPLY UNIT . PART of HALLICRAFTERS HT-12 MARINE TYPE 50-WATT RADIO SET  
Front View



HALLICRAFTERS SKY CHAMPION S 20R  
Front View



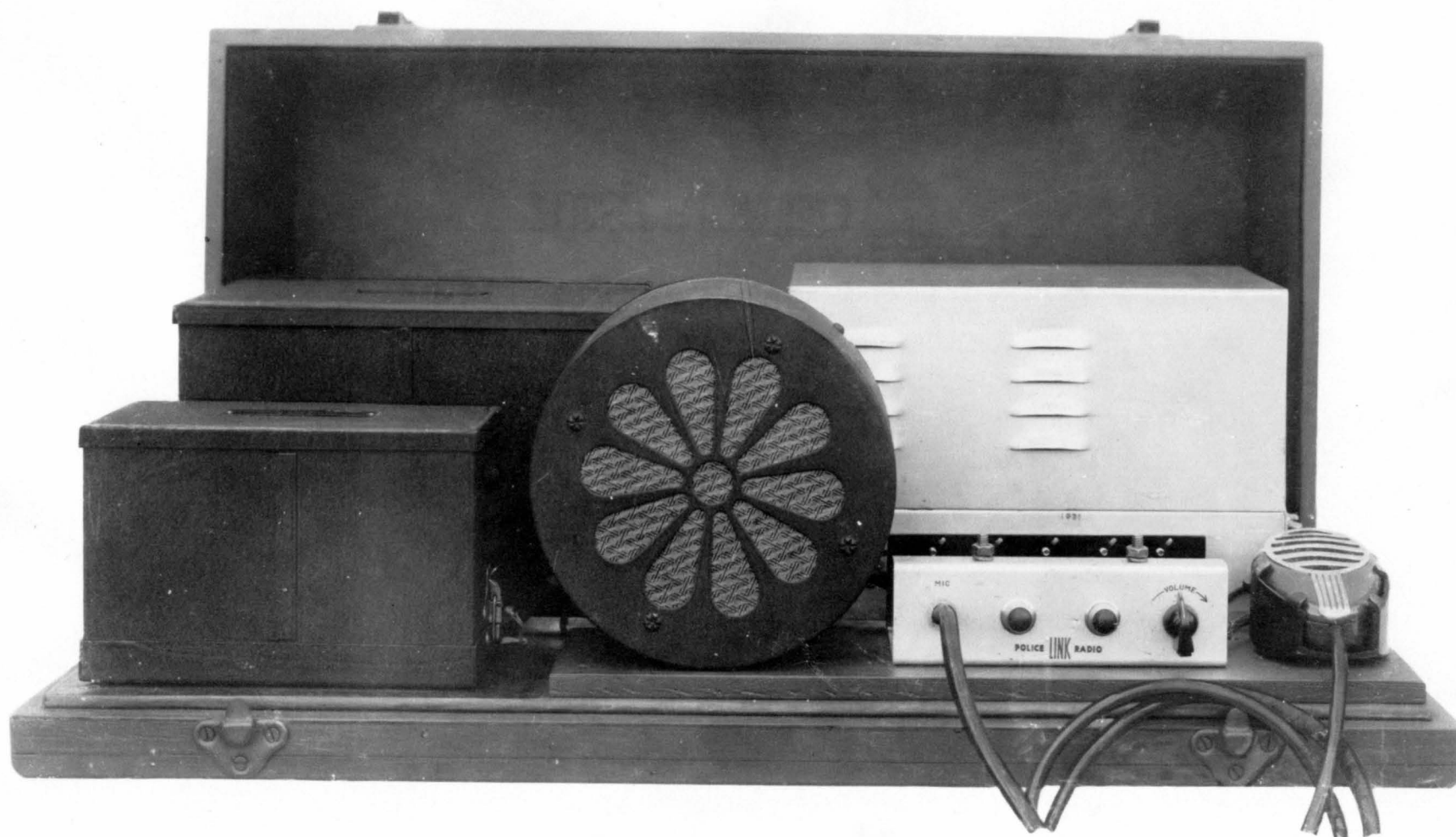
INFANTRY COMPANY-BATTALION RADIO SET  
Prepared for Operation



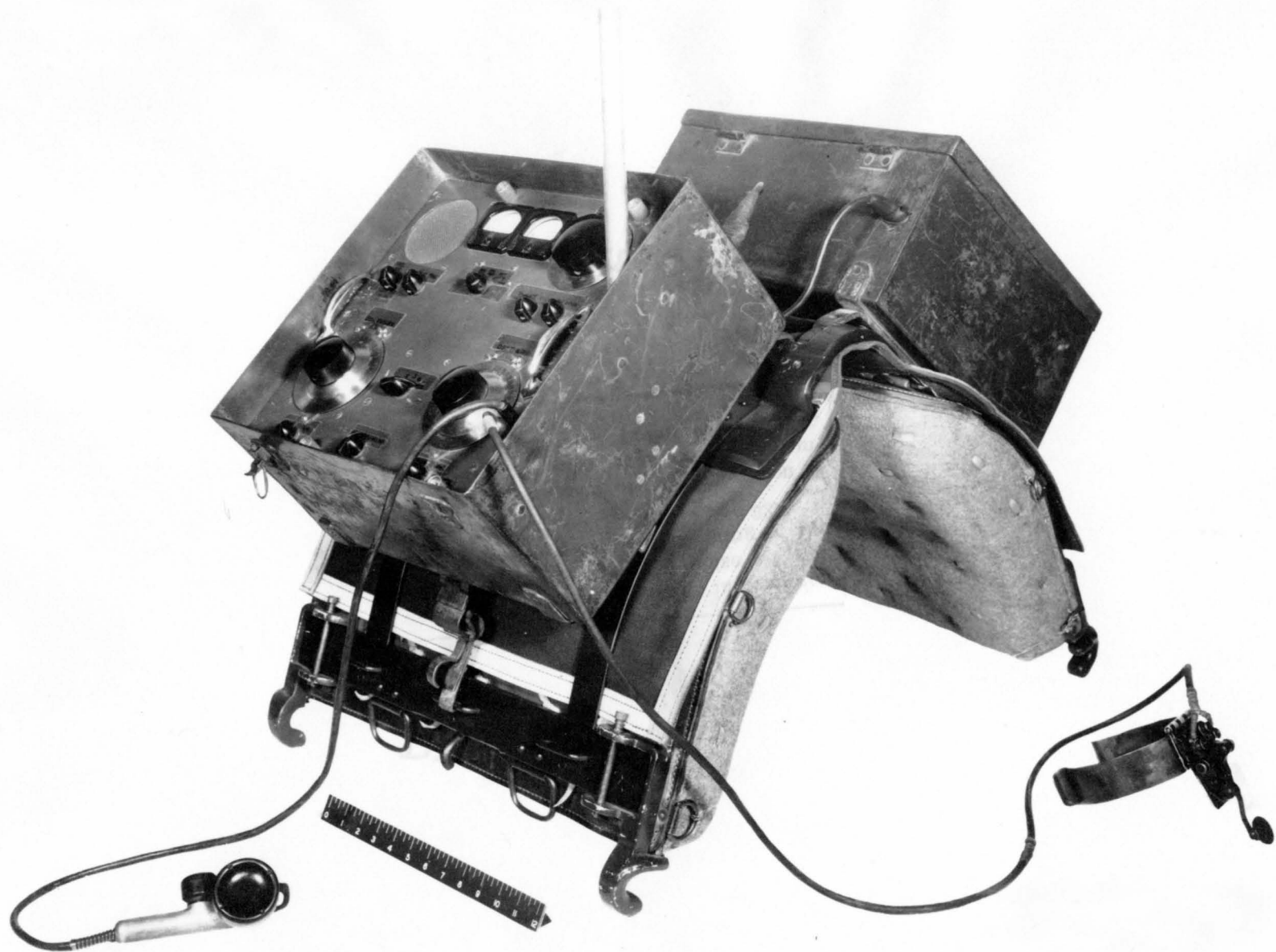
RADIO RECEIVER and TRANSMITTER . PART of SERGEANT JACOB RADIO SET  
Front 3/4 View

DATE 10-24-41 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-263





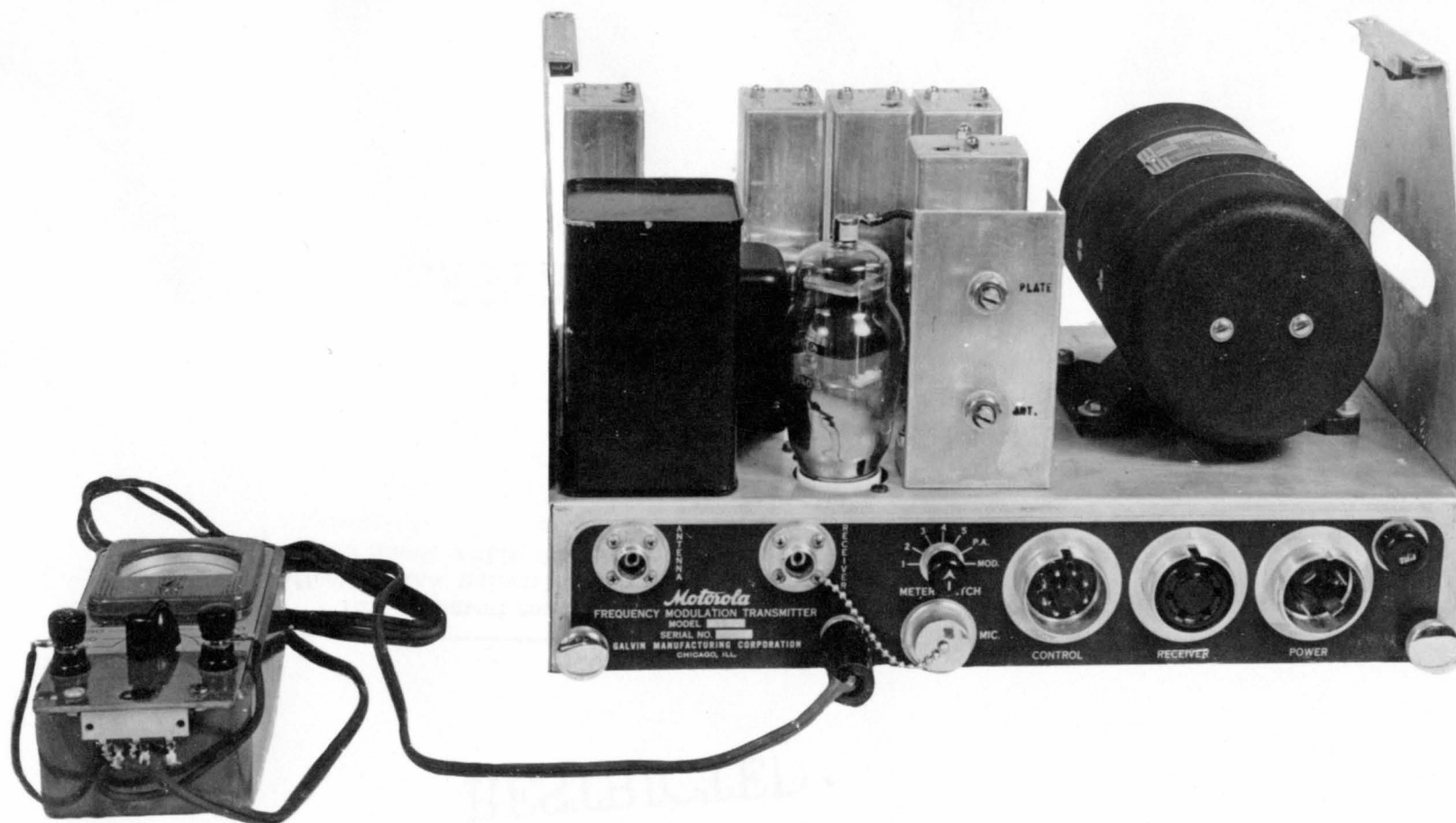
LINK POLICE RADIO SET (Modified)  
Front View



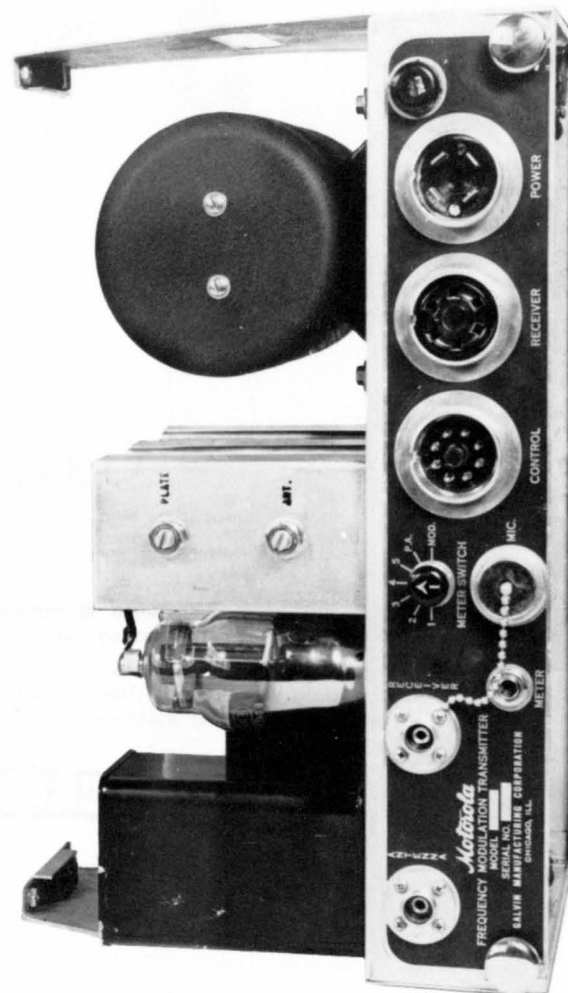
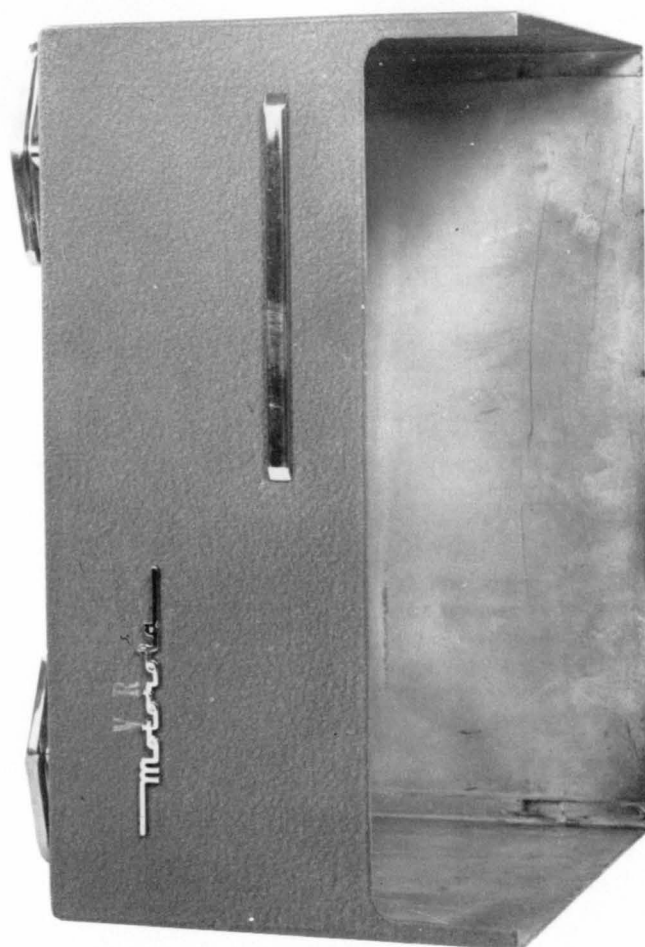
CAPTAIN E. K. MORSE CAVALRY PACK RADIO SET  
Prepared for Operation in Pack . 3/4 View



MOTOROLA VERSION of BRITISH WIRELESS SET TYPE 18  
Front View



RADIO TRANSMITTER . PART of MOTOROLA FM POLICE RADIO SET (UHF)  
Front View of Interior . Showing Test Instrument



RADIO TRANSMITTER . PART of MOTOROLA FM POLICE RADIO SET (UHF)

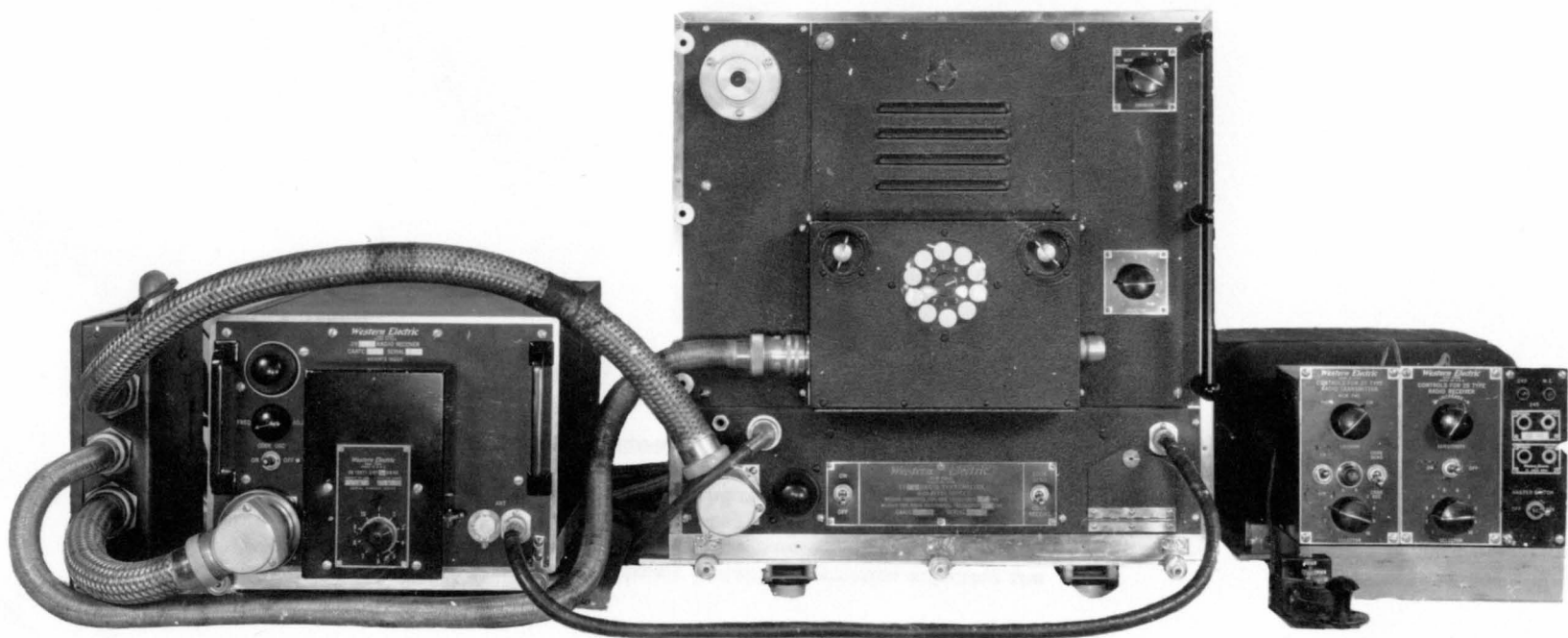
Front View . Cover Removed

DATE 4-16-41 - SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY - NO. SCGDL-764





WESTERN ELECTRIC 227-B MARINE TYPE 10-WATT RADIO SET  
Front View



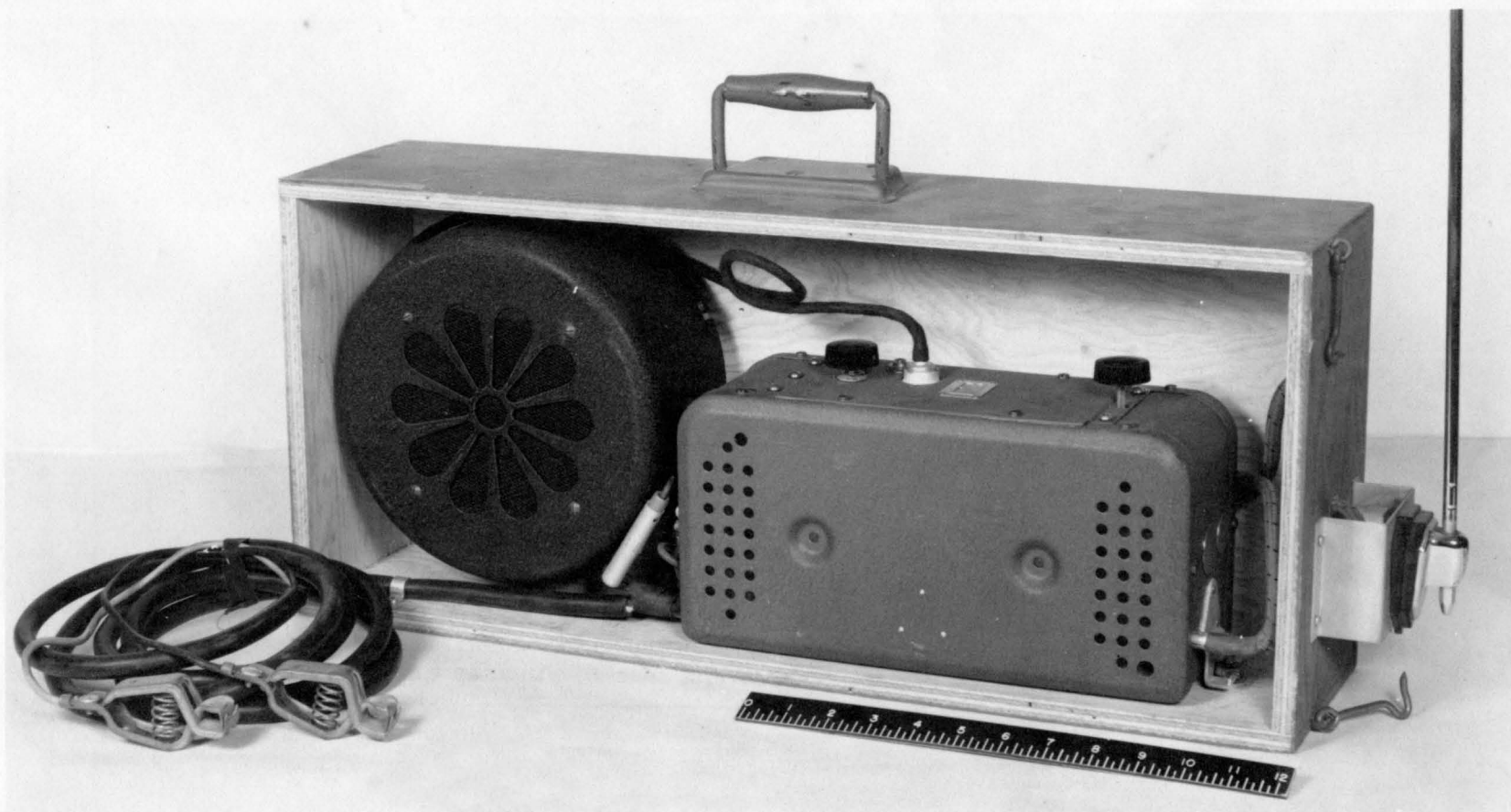
RADIO RECEIVER 29-A . RADIO TRANSMITTER 27-A . PART of WESTERN ELECTRIC AIRCRAFT TYPE RADIO SET  
Front View



RADIO RECEIVER . PART of WESTINGHOUSE 10 CM RADIO SET  
Prepared for Operation



WIRELESS SET NO. 48 (Emerson Model)  
Front View . Showing Battery Compartment



ZENITH FREQUENCY MODULATION PORTABLE RADIO SET  
Showing AC Radio Receiver . Front View